

9

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

YALE COLLEGE,

With a Statement of the Course of Instruction in the
Various Departments,

1883-84

NEW HAVEN:

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS:

1883

ABBREVIATIONS

A.	-	-	-	-	-	-	Absent on leave
C.	-	-	-	-	-	-	Old Chapel
D.	-	-	-	-	-	-	Durfee College
E.	-	-	-	-	-	-	East Divinity Hall
F.	-	-	-	-	-	-	Farnam College
L.	-	-	-	-	-	-	Lyceum
N.	-	-	-	-	-	-	North College
N. M.	-	-	-	-	-	-	North Middle College
N. S. H.	-	-	-	-	-	-	North Sheffield Hall
S.	-	-	-	-	-	-	South College
S. H.	-	-	-	-	-	-	Sheffield Hall
S. M.	-	-	-	-	-	-	South Middle College
TR.	-	-	-	-	-	-	Treasury Building
W.	-	-	-	-	-	-	West Divinity Hall

Upon the College Square, the rooms numbered from 1 to 32 are in South College; from 33 to 64 in South Middle College; from 65 to 96 in North Middle College; from 97 to 128 in North College; from 129 to 177 in Farnam College; from 178 to 185 in the Lyceum; from 186 to 200 in the Old Chapel; from 201 to 240 in Durfee College.

The rooms in East Divinity Hall are numbered from 1 to 54; in West Divinity Hall from 55 to 124.

The rooms in Sheffield Hall are numbered from 1 to 22; in North Sheffield Hall from 28 to 58.

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CALENDAR

1883

13 Sept.	Thursday	FIRST ACADEMICAL TERM begins.
27 Sept.	Thursday	Fall Term, Department of Law, begins.
1 Oct.	Monday	School of the Fine Arts, term begins.
3 Oct.	Wednesday	Examination for admission, Department of Medicine.
4 Oct.	Thursday	First Term, Department of Medicine, begins.
20 Dec.	Thursday	FIRST TERM ends.

Winter Vacation of three weeks.

1884

10 Jan.	Thursday	SECOND ACADEMICAL TERM begins.
27 March	Thursday	Winter Term, Department of Law, ends.
3 April	Thursday	Junior Exhibition.
9 April	Wednesday	SPRING ACADEMICAL RECESS begins.
10 April	Thursday	Third Term, Dep't. of Medicine, begins.
10 April	Thursday	Spring Term, Department of Law, begins.
16 April	Wednesday	SPRING ACADEMICAL RECESS ends.
5 May	Monday	Bristed Scholarship Examination begins.
6 May	Tuesday	Berkeley Scholarship Examination.
13, 14 May	Tuesd., Wedn.	Annual Examination, Dep't. of Theology.
15 May	Thursday	Anniversary, Department of Theology.
19 May	Monday	Woolsey Scholarship Examination begins.
19 May	Monday	Winthrop Prize Examination.
31 May	Saturday	School of the Fine Arts, term ends.
20 June	Friday	DeForest Prize Speaking.
22 June	Sunday	Baccalaureate Sermon.
23 June	Monday	Presentation for Degrees, Academical Dep't.
23 June	Monday	Anniversary of the Department of Medicine.
24 June	Tuesday	Anniversary of the Society of Alumni.
24 June	Tuesday	Anniversary of the Sheffield Scientific School.
24 June	Tuesday	Anniversary of the Department of Law.
25 June	Wednesday	COMMENCEMENT.
26, 27, 28 June	Thursday, Friday, and Sat.	Examinations for admission to the Academical Department and to the Sheffield Scientific School.

Summer Vacation of twelve weeks.

16, 17 Sept.	Tuesd., Wedn.	Examinations for admission.
18 Sept.	Thursday	FIRST ACADEMICAL TERM begins.
25 Sept.	Thursday	Fall Term, Department of Law, begins.
1 Oct.	Wednesday	Examination for admission, Department of Medicine.
2 Oct.	Thursday	First Term, Department of Medicine, begins.
18 Dec.	Thursday	FIRST TERM ends.

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George Washington Henderson, B.D., } M.A. University of Vermont, 1880	North Craftsbury, Vt.	17 E.
Clifford Hayes Smith, B.D., } B.A. Dartmouth College	West Brattleboro, Vt.	27 E.

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Charles Albert Wight, B.A.	North Hatfield, Mass.	75 W.
Thomas Marcks Yundt, B.A. } Muhlenberg College	Allentown, Pa.	25 E.

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Idrys Jones, } Carmarthen College	<i>Machyulleth, North Wales</i>	53 E.
Joseph Morgan Jones, } Bala College	<i>Llansawel, South Wales</i>	49 E.
William Harrison McKinney, B.A. } Roanoke College	<i>Mountain, Ind. Ter.</i>	37 E.
Samuel Melancthon MacNeill, B.A. } Ripon College	<i>Milwaukee, Wisc.</i>	105 W.
Solomon Greasley Merrick, B.A. } Lebanon Valley College	<i>Baltimore, Md.</i>	112 W.
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Edward Roberts, } Bala College	<i>Salem, South Wales</i>	53 E.
Peter Roberts, } Brecon College	<i>Dowlais, South Wales</i>	45 E.
William Sandbrook, } Bala College	<i>Dowlais, South Wales</i>	41 E.
Robert Walter Sharp, B.A. } Lafayette College	<i>Brooklyn, N. Y.</i>	70 W.
John Jamieson Finlayson Thompson, B.A. } Western Maryland College	<i>Nassau, W. I.</i>	43 E.
Alonzo John Turkle, B.A. } Wittenberg College	<i>Fairview, O.</i>	47 E.
Wilson Curtis Wheeler, B.A.	<i>New Haven</i>	48 E.
David Ebrill Williams, } Bala College	<i>Parkyrhos, South Wales</i>	49 E.

JUNIOR CLASS, 30

GRADUATE CLASS,	5
SENIOR CLASS,	26
MIDDLE CLASS,	38
JUNIOR CLASS,	30
Total,	99

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College of Physicians and Surgeons. }

New Haven

157 Orange st.

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David Chester Brown	<i>Washington</i>	65 Grove st.
George Tilton Doolittle	<i>New Haven</i>	219 Orange st.
George Frederick Lewis, B.A. } Trinity College	<i>Stratford</i>	Stratford
Oliver Thomas Osborne	<i>New Haven</i>	111 York st.
Fred Sefton	<i>Derry, N. H.</i>	117 York st.
Henry Lawrence Swain	<i>New Haven</i>	70 Woolsey st.

7

MIDDLE CLASS

Charles Henry Brockett	<i>New Haven</i>	351 York st.
Harry Thompson Clarke	<i>New Haven</i>	526 Chapel st.
Edward Bradford Dench, PH.B.	<i>Bridgeport</i>	Bridgeport
Charles Frederick Dibble	<i>New Haven</i>	57 Prospect st.
Robert Ogden DuBois, PH.B.	<i>New Haven</i>	328 Howard av.
William Ellison Lockwood, PH.B.	<i>Stamford</i>	146 Dixwell av.
William Sherman Randall, PH.B.	<i>Birmingham</i>	Birmingham
James William Sears	<i>New Haven</i>	24 Prince st.
John Gale Stevens	<i>Monroe</i>	131 Bradley st.
George Samuel Wright	<i>New Haven</i>	10 Warren st.

10

JUNIOR CLASS

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Myron L. Cooley	<i>Hamden</i>	Hamden
Edwin Augustus Down	<i>Middletown</i>	72 Howe st.
G. Skiff Ford	<i>New Haven</i>	55 Silver st.
Jonas Jacobs	<i>New Haven</i>	14 Day st.
Ernest Perry Livingston	<i>New Haven</i>	466 Howard av.
George Howard Pierce, B.A. } Bowdoin College	<i>Portland, Me.</i>	59 Prospect st.
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Leon E. Reynolds	<i>Portland, Me.</i>	193 Oak st.
Jay Webber Seaver, B.A.	<i>New Haven</i>	I TR.
Joseph Parker Trowbridge, B.A.	<i>New Haven</i>	41 College st.
Charles Worthington Vishno	<i>New Haven</i>	9 Olive st.

12

SPECIAL STUDENT

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Henry Charles White, B.A.,	} New Haven	37 College st.
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SENIOR CLASS, 38

JUNIOR CLASS

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Washburn College }		
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Hugh Capner Storer	Erwinna, Pa.	524 Chapel st.
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John Grant Tod	Harrisburg, Texas	168 George st.
William Waldo Twaddle, B.A. }	Lewiston, Me.	Insurance Building.
Bates College }		

JUNIOR CLASS, 24

SUMMARY

GRADUATE CLASS,	7
SENIORS,	38
JUNIORS,	24
TOTAL,	69

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Wilbur Franklin Booth	<i>Easton</i>	27 S.
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George Wakeman Osborn	<i>Easton</i>	12 S.
Harry McMahon Painter	<i>West Haven</i>	37 S. M.
Charles Laban Pardee	<i>New Haven</i>	65 Olive st.
George Washington Patterson, Jr.	<i>Westfield, N. Y.</i>	214 D.
Frank Dunlap Pavey	<i>Washington C. H., O.</i>	135 F.
Vincent Charles Peck	<i>Trumbull</i>	26 S.
Benjamin Horn Pendleton	<i>Stonington</i>	54 S. M.
James Hosmer Penniman	<i>Philadelphia, Pa.</i>	46 S. M.
Clarence Nathaniel Platt	<i>New Haven</i>	17 Lyon st.
Edwin Lewis Porter	<i>New Cumberland, W. Va.</i>	221 D.
Edward Wright Potter	<i>New Haven</i>	723 Elm st.
Albert Henry Pratt	<i>Brooklyn, N. Y.</i>	201 D.
Harry Woodruff Prouty	<i>Concord, O.</i>	140 F.
James Bronson Reynolds	<i>North Haven</i>	132 F.
Clinton Ross	<i>Binghamton, N. Y.</i>	137 F.
Henry Jacob Ryder	<i>New Haven</i>	70 Hallock st.
Harry Gilbert Samson	<i>Cincinnati, O.</i>	168 F.
Edward Isaac Sanford, Jr.	<i>New Haven</i>	237 D.
William Henry Sanford	<i>Newtown</i>	131 F.
Ward Webster Savery	<i>Marion, Mass.</i>	181 L.
Benjamin Sharps	<i>Newburgh, N. Y.</i>	55 S. M.
James Foster Scott	<i>West Philadelphia, Pa.</i>	32 S.
Charles Scott Seeley	<i>Fairfield</i>	12 S.
Henry Tweedy Shelton, Jr.	<i>Bridgeport</i>	237 D.
Oliver Taylor Sherwood	<i>Southport</i>	37 S. M.
John Ira Souther	<i>Worcester, Mass.</i>	140 F.
William McMurtrie Speer	<i>Huntingdon, Pa.</i>	214 D.
Selden Palmer Spencer	<i>Erie, Pa.</i>	132 F.
Sydney Stein	<i>Chicago, Ill.</i>	139 F.
Frank Burton Stevens	<i>Dover, N. H.</i>	97 N.
John Henry Stevenson, Jr.	<i>Brooklyn, N. Y.</i>	170 F.
Frank Strong	<i>Auburn, N. Y.</i>	180 L.
William Lord Strong	<i>Pittston, Pa.</i>	134 F.
John Trumbull Swift	<i>Colchester</i>	212 D.
William Ambrose Taylor	<i>Brooklyn, N. Y.</i>	239 D.
Joseph Tomlinson, Jr.	<i>Shelton</i>	32 S.
Ray Tompkins	<i>Elmira, N. Y.</i>	203 D.
Frank Dean Trowbridge	<i>New Haven</i>	228 D.
Joseph Nathaniel Tuttle	<i>Madison, N. J.</i>	124 N.
Henry Bancroft Twombly	<i>Boston, Mass.</i>	209 D.
Harry Raup Wagner	<i>Philadelphia, Pa.</i>	169 F.
Charles Morehead Walker	<i>Chicago, Ill.</i>	169 F.
Dean Augustus Walker	<i>Auburndale, Mass.</i>	29 S.
Charles Ansel Watrous	<i>New Haven</i>	166 F.
Albert Foote Wells	<i>New Haven</i>	100 Greene st.
Arthur Brattle Wells	<i>Chicago, Ill.</i>	74 N. M.
Edward Wells, Jr.	<i>Peekskill, N. Y.</i>	209 D.

Henry Lincoln Whittlesey	<i>Old Saybrook</i>	172 F.
Amos Parker Wilder	<i>Augusta, Me.</i>	29 S.
Nathan Gallup Williams, Jr.	<i>Detroit, Mich.</i>	202 D.
William Williams	<i>New London</i>	119 N.
Herbert Walter Wolcott	<i>Cleveland, O.</i>	31 S.
Henry Milton Wolf	<i>Chicago, Ill.</i>	139 F.
Joseph Wood	<i>Sayville, N. Y.</i>	167 F.
Harry Augustus Worcester	<i>Albany, N. Y.</i>	204 D.
Edward Augustus Wright	<i>Cromwell</i>	23 S.

SENIORS, 149

JUNIOR CLASS

Ernest Rufus Adee	<i>Westchester, N. Y.</i>	208 D.
Clifford Butler Allen	<i>St. Louis, Mo.</i>	223 D.
Henry Burrall Anderson	<i>New York City</i>	216 D.
John Hulett Arnot	<i>Elmira, N. Y.</i>	203 D.
Francis Peck Bachelor	<i>Woodstock</i>	76 N. M.
Lucius Olmsted Baird	<i>Chicago, Ill.</i>	218 D.
Dwight Baldwin	<i>Allston, Mass.</i>	231 D.
Henry deForest Baldwin	<i>New York City</i>	53 S. M.
Walter Sterrett Baldwin	<i>Chicago, Ill.</i>	156 F.
Frederic McLeod Barbour	<i>New Haven</i>	231 York st.
Frederic Barnard	<i>Poughkeepsie, N. Y.</i>	120 York st.
Jonathan Barnes	<i>Springfield, Mass.</i>	8 S.
Henry Worthington Beckwith	<i>Chicago, Ill.</i>	215 D.
Samuel Reading Bertron	<i>Port Gibson, Miss.</i>	219 D.
Joseph Augustus Blake	<i>New Haven</i>	144 F.
Herbert James Boggis	<i>Cleveland, O.</i>	45 S. M.
John Henry Booth	<i>Vergennes, Vt.</i>	8 S.
Robert Seymour Bradley	<i>New Haven</i>	10 S.
Frank Bosworth Brandeggee	<i>New London</i>	161 F.
John Cloyse Bridgman	<i>Cleveland, O.</i>	15 S.
John Horatio Briggs	<i>Auburn, Me.</i>	1 S.
Oliver Percy Bright	<i>Wilmington, Del.</i>	219 D.
Henry Stanford Brooks, Jr.	<i>San Francisco, Cal.</i>	158 F.
John Laidlaw Buel	<i>Litchfield</i>	16 S.
Colin Sherman Buell	<i>Madison</i>	103 N.
Lewin Frank Buell	<i>Madison</i>	107 N.
David Hanson Buffum	<i>Great Falls, N. H.</i>	158 F.
Samuel Davis Capen	<i>St. Louis, Mo.</i>	223 D.
Charles Lyman Carhart	<i>Peekskill, N. Y.</i>	145 F.
William Merle Carhart	<i>Peekskill, N. Y.</i>	145 F.
William Scoville Case	<i>Granby</i>	176 F.

Wilson Catherwood	<i>Philadelphia, Pa.</i>	231 D.
Edward Herrick Chandler	<i>Auburndale, Mass.</i>	33 S. M.
Harry Goodnow Chase	<i>Lake View, Ill.</i>	45 S. M.
Francis Asbury Christian	<i>Canandaigua, N. Y.</i>	151 F.
Sidney Morse Colgate	<i>Orange, N. J.</i>	13 S.
Richard Collins Colt	<i>New York City</i>	138 F.
Henry Buckelew Cosgrove	<i>Brooklyn, N. Y.</i>	6 S.
Augustin Averill Crane	<i>New Haven</i>	7 S.
William Williams Crehore	<i>Cleveland, O.</i>	6 S.
Wilbur Lucius Cross	<i>Gurleyville</i>	90 N. M.
Charles Elbridge Cushing	<i>Bath, Me.</i>	178 L.
Colman Ward Cutler	<i>New London</i>	217 D.
William M. Derby, Jr.	<i>Chicago, Ill.</i>	176 F.
George Stuart Dickinson	<i>Worcester, Mass.</i>	17 S.
Charles Stuart Dodge	<i>New York City</i>	179 L.
Herbert Lionel Doggett	<i>Kansas City, Mo.</i>	215 D.
Wilfred Ernest Eaton	<i>Orange, N. J.</i>	64 High st.
Richard Ellis	<i>Peekskill, N. Y.</i>	108 N.
Albert Heman Ely	<i>Elyria, O.</i>	206 D.
William David Evans	<i>Rockville</i>	61 S. M.
Walter Farwell	<i>Chicago, Ill.</i>	4 S.
John Dennis Ferris	<i>Chatham, N. J.</i>	3 S.
Henry Richmond Flanders	<i>West Tisbury, Mass.</i>	4 S.
John Couch Flanders	<i>Portland, Oregon</i>	225 D.
Charles Northrop Flint	<i>Port Henry, N. Y.</i>	76 N. M.
Lambert Foster	<i>Plainfield, N. J.</i>	218 D.
Frederic Wilson Francis	<i>Newington</i>	63 S. M.
Walter Francis Frear	<i>Oakland, Cal.</i>	90 N. M.
Henry Fresenius	<i>New Haven</i>	17 S.
Harlow Stearns Gale	<i>Minneapolis, Minn.</i>	25 S.
John William Gavin	<i>New Haven</i>	90 Orchard st.
Edward Augustus George	<i>Providence, R. I.</i>	162 F.
Lafayette Blanchard Gleason	<i>Delhi, N. Y.</i>	174 F.
Kenyon Gorham	<i>New York City</i>	210 D.
Herbert Ridgway Green	<i>Reading, Pa.</i>	144 F.
William Gregory Green	<i>New Milford</i>	15 S.
James Hall	<i>New Haven</i>	69 N. M.
Charles Edward Harris, Jr.	<i>New Haven</i>	149 St. John st.
Henry Knabb Harrison	<i>Birdsboro, Pa.</i>	146 F.
Walter Augustus Hawley	<i>San Francisco, Cal.</i>	152 F.
Benjamin Kaye Heaton	<i>Philadelphia, Pa.</i>	38 S. M.
Edward Neblett Hidden	<i>Cincinnati, O.</i>	85 N. M.
Charles Buxton Hobbs	<i>Brooklyn, N. Y.</i>	220 D.
Philip Parley Hubbard	<i>Litchfield</i>	123 N.
Stanton Benette Hume	<i>St. Louis, Mo.</i>	61 S. M.
Ernest Howard Hunter	<i>Chicago, Ill.</i>	129 F.
Henry Fairchild James	<i>Ogdensburg, N. Y.</i>	216 D.
William Jarvis	<i>Louisville, Ky.</i>	154 F.

James Richard Joy	<i>Groton, Mass.</i>	11 S.
James Benjamin Keogh	<i>Chicago, Ill.</i>	226 D.
Robert Bage Kerr	<i>New York City</i>	173 F.
Hervey DeLoss Leland	<i>Utica, N. Y.</i>	200 George st.
George Thomas Linsley	<i>New Haven</i>	7 S.
John Loman	<i>Camden, N. J.</i>	3 S.
Rodney Macdonough	<i>Philadelphia, Pa.</i>	213 D.
John McHenry	<i>Baltimore, Md.</i>	64 High st.
Guy Ward Mallon	<i>Cincinnati, O.</i>	104 N.
Louis Austin Mansfield	<i>New Haven</i>	70 Lyon st.
Charles Thompson Mathews	<i>New York City</i>	213 D.
William Maxwell	<i>Rockville</i>	159 F.
James Alfred Merrill	<i>Rutland, Vt.</i>	161 F.
Caleb Eugene Montgomery	<i>Lancaster, Pa.</i>	147 F.
William Procter Morrison	<i>Cincinnati, O.</i>	20 S.
David Winfield Mulvane	<i>Topeka, Kansas</i>	225 D.
John Andrew Myers	<i>Columbia, Pa.</i>	173 F.
Charles Dwight Napier	<i>Brooklyn, N. Y.</i>	159 F.
Edwin Franklin Norton	<i>Homer, N. Y.</i>	123 N.
Atherton Noyes	<i>Wilmington, Mass.</i>	33 S. M.
Manly Dayton Ormes	<i>Tuscola, Mich.</i>	38 S. M.
John Stone Pardee	<i>New Haven</i>	133 College st.
John Palmer Parsons	<i>Rye, N. Y.</i>	13 S.
Lyman Plimpton Peet	<i>West Haven</i>	92 N. M.
William Fellows Peet	<i>Philadelphia, Pa.</i>	174 F.
Edward Bunnell Phelps	<i>New Haven</i>	156 F.
Robert James Pitkin	<i>Denver, Col.</i>	226 D.
John Winthrop Platner	<i>Newark, N. J.</i>	154 F.
David Plessner	<i>Holden, Mo.</i>	1 S.
Oraamel Whittlesey Pratt	<i>Salem</i>	34 S. M.
Eugene Lamb Richards, Jr.	<i>New Haven</i>	135 College st.
Edwin Wales Robertson	<i>Columbia, S. C.</i>	10 S.
Lucius Franklin Robinson	<i>Hartford</i>	14 S.
George Augustus Sanderson	<i>Littleton, Mass.</i>	11 S.
Robert Alfred Sands	<i>New York City</i>	147 F.
Emil Adolfe Schultze, Jr.	<i>Hoboken, N. J.</i>	208 D.
Conrad Shamel Sheive, Jr.	<i>Norristown, Pa.</i>	146 F.
Frank Robinson Shipman	<i>Hartford</i>	14 S.
Joseph Cornelius Smith	<i>Brookfield</i>	22 Olive st.
George Fitch Stacy	<i>Stacyville, Iowa</i>	34 S. M.
Carrington Riverius Stiles	<i>East Bloomfield, N. Y.</i>	17 Wooster pl.
Richard Salter Storrs	<i>Orange, N. J.</i>	217 D.
Otis Strong	<i>Auburn, N. Y.</i>	180 L.
Wyllys Terry	<i>Brooklyn, N. Y.</i>	232 D.
Arthur Cecil Thomson	<i>Chicago, Ill.</i>	220 D.
Arthur Lloyd Tomes	<i>Brooklyn, N. Y.</i>	18 S.
William Thomas Tomlinson	<i>Georgetown, Del.</i>	69 N. M.
Joseph Hendley Townsend	<i>New Haven</i>	18 S.

Frank Van Allen	<i>Ravenswood, Ill.</i>	92 N. M.
Francis Joseph Vernon	<i>Brooklyn, N. Y.</i>	232 D.
George Edgar Vincent	<i>New Haven</i>	104 N.
Albert Clark Waite	<i>New York City</i>	235 D.
Wilmer Earl Walker	<i>Chicago, Ill.</i>	129 F.
Charles Lewis Way	<i>Hartford</i>	162 F.
Paul Irving Welles	<i>Fayetteville, N. Y.</i>	25 High st.
Theodore Winthrop Weston	<i>New York City</i>	88 N. M.
William Taylor Glidden Weymouth	<i>Beaufort, S. C.</i>	210 D.
Herbert Henry White	<i>New Haven</i>	147 Humphrey st.
Levi Olmsted Wiggins	<i>Newburgh, N. Y.</i>	525 Chapel st.
Charles Samuel Wiley	<i>Charleston, Ill.</i>	108 N.
Robert Bradford Williams	<i>Augusta, Ga.</i>	69 Hudson st.
Wolff Willner	<i>New Haven</i>	157 Bradley st.
George Heber Woodhull	<i>Baiting Hollow, N. Y.</i>	107 N.
Wilfred James Worcester	<i>Albany, N. Y.</i>	204 D.

JUNIORS, 143

SOPHOMORE CLASS

Charles Francis Adams	<i>Westport</i>	28 S.
John Charles Adams	<i>Oakland, Cal.</i>	56 W.
Norman Ilsley Adams	<i>Boston, Mass.</i>	192 C.
Warren Austin Adams	<i>Skaneateles, N. Y.</i>	192 C.
Joseph Lincoln Adler	<i>Cincinnati, O.</i>	74 High st.
Zachariah Nelson Allen	<i>Brooklyn, N. Y.</i>	224 D.
Henry Semple Ames	<i>St. Louis, Mo.</i>	56 S. M.
Paul Kimball Ames	<i>Minneapolis, Minn.</i>	193 C.
William Burrall Anderson	<i>New York City</i>	498 Chapel st.
Benjamin Harris Anthony	<i>New Bedford, Mass.</i>	44 S. M.
Robert Appleton	<i>New York City</i>	498 Chapel st.
Bartlett Arkell	<i>Canajoharie, N. Y.</i>	60 S. M.
Edward Sawyer Bacon	<i>Dover, N. H.</i>	67 N. M.
Charles Lukens Bailey, Jr.	<i>Harrisburg, Pa.</i>	498 Chapel st.
Harvey Brown Bashore	<i>West Fairview, Pa.</i>	99 N.
Everett Alanson Bates	<i>Danielsonville</i>	186 C.
John Beadle	<i>New Haven</i>	137 College st.
Porter Beardsley	<i>Auburn, N. Y.</i>	450 Chapel st.
Daniel Doane Bidwell	<i>East Hartford</i>	91 N. M.
Louis Bennett Bishop	<i>New Haven</i>	215 Church st.
George Hathaway Bixby	<i>Los Angeles, Cal.</i>	40 S. M.
Edward Newton Brandegee	<i>Berlin</i>	91 N. M.
William Partridge Brandegee	<i>Elizabeth, N. J.</i>	62 W.
Samuel Kimball Bremner	<i>Boxford, Mass.</i>	100 N.

William Sinclair Brigham	<i>Savannah, Ga.</i>	498 Chapel st.
Joseph Sharswood Brinton	<i>Philadelphia, Pa.</i>	141 F.
Cornelius Gardner Bristol	<i>Milford</i>	191 C.
Ellis Henry Roberts Brooks	<i>New York City</i>	76 Howe st.
William Adams Brown	<i>New York City</i>	66 W.
Carl Darling Buck	<i>Bucksport, Me.</i>	116 N.
James William Calderwood	<i>Haverhill, Mass.</i>	49 S. M.
Wilson Lee Cannon, Jr.	<i>Dover, Del.</i>	69 N. M.
William White Capron	<i>Albany, N. Y.</i>	238 York st.
George Elias Carter	<i>Chicopee Falls, Mass.</i>	109 York st.
Theophilus Ransom Carter	<i>Erie, Pa.</i>	65 N. M.
Lawrence William Churchill	<i>Oswego, N. Y.</i>	64 S. M.
Charles Franklin Clarke	<i>Columbia</i>	157 Orange st.
Charles Nelson Coddington	<i>Collinsville</i>	109 York st.
Austen Colgate	<i>Orange, N. J.</i>	116 W.
James Moffatt Condit	<i>Indianapolis, Ind.</i>	165 F.
Michael Francis Connor	<i>Chicopee, Mass.</i>	189 C.
Francis Rexford Cooley	<i>Hartford</i>	65 W.
John Joseph Corkery	<i>Norwich</i>	189 C.
Gibbons Gray Cornwall	<i>West Chester, Pa.</i>	87 N. M.
Alfred Cowles, Jr.	<i>Chicago, Ill.</i>	177 F.
Stanford Tappan Crapo	<i>New Bedford, Mass.</i>	44 S. M.
William Randall Crawford	<i>Chicago, Ill.</i>	200 York st.
Dixie Lyman Crosby	<i>Milford, N. H.</i>	189 George st.
Thomas Darling	<i>Wilkes Barre, Pa.</i>	143 F.
Benjamin Joseph Davis	<i>New Haven</i>	285 Orange st.
Thomas Mills Day, Jr.	<i>Hartford</i>	62 W.
Calvin Dickey	<i>Cincinnati, O.</i>	193 C.
Thomas Frank Dougherty	<i>Waterbury</i>	489 Chapel st.
Hugh Kirkman Drouillard	<i>Nashville, Tenn.</i>	489 Chapel st.
Daniel Meta Dull	<i>Harrisburg, Pa.</i>	254 York st.
Judson Shultz Dutcher	<i>Ellenville, N. Y.</i>	186 C.
Oliver Dyer, Jr.	<i>Mount Vernon, N. Y.</i>	120 High st.
Percy Edgar	<i>New York City</i>	81 N. M.
George Edwin Eliot, Jr.	<i>Clinton</i>	41 S. M.
Abraham Lincoln Fellows	<i>Norwich</i>	191 C.
George Otis Fellows	<i>Norwich</i>	191 C.
Richard Thomas Francke	<i>New York City</i>	68 N. M.
William Morgan Gallup	<i>Norwich</i>	190 C.
Arthur Goebel	<i>Covington, Ky.</i>	25 High st.
Nicholas Minor Goodlett, Jr.	<i>Evansville, Ind.</i>	84 N. M.
Chauncey William Goodrich	<i>New Haven</i>	116 W.
William Burton Goodwin	<i>Biddeford, Me.</i>	64 S. M.
Willis Horace Goodyear	<i>New Haven</i>	98 N.
Louis Moen Grant	<i>Chicago, Ill.</i>	160 F.
Walter Greenwood Graves	<i>New Haven</i>	101 Grove st.
John King Griffith	<i>Cynthiana, Ky.</i>	25 High st.
Charles Jared Griggs	<i>Waterbury</i>	99 N.

George Henry Guernsey	Easton	49 S. M.
Edwin Trowbridge Hall	Binghamton, N. Y.	68 N. M.
Lewis Birely Hamilton	Waterbury	489 Chapel st.
Henry Earl Hard	Chicago, Ill.	187 C.
Charles Edward Hellier	Bangor, Me.	40 S. M.
William Pirtle Herod	Indianapolis, Ind.	165 F.
Ralph Hickox	New York City	175 F.
Edward Avery Hine	Newark, N. J.	143 F.
Henry Ewing Hord	Indianapolis, Ind.	73 N. M.
Frederick Buell Hungerford	Adams, Mass.	116 N.
Charles Livingston Hyde	Plainfield, N. J.	224 D.
Henry Ivison, Jr.	Rutherford, N. J.	130 F.
Herbert Armstrong Jaggard	Altoona, Pa.	81 N. M.
Charles Henry Jeffras	Cincinnati, O.	136 College st.
Frank Harrison Kelley, Jr.	Worcester, Mass.	82 N. M.
Edward Russell Kellogg	Oswego, N. Y.	82 N. M.
Wallace Percy Knapp	New York City	450 Chapel st.
David Denison Lambert	New Haven	163 Bradley st.
Elliot Cowdin Lambert	New York City	90 High st.
Edward Bowman Leaf	Birdsboro, Pa.	130 F.
Dudley Leavitt	West Stockbridge, Mass.	28 S.
James Wright Lee, Jr.	Cleveland, O.	47 S. M.
William Leland	Cleveland, O.	498 Chapel st.
Charlton Miner Lewis	New York City	194 C.
William Howard Ludington	New York City	66 W.
William McElroy	Albany, N. Y.	238 York st.
Charles Hale Matthews	Chicago, Ill.	74 High st.
Charles Putnam Merrill	Portland, Me.	98 N.
Charles Albert Moore	Columbus, O.	75 N. M.
Daniel Agnew Moore	St. Louis, Mo.	56 S. M.
Frank Gardner Moore	Columbus, O.	75 N. M.
Frederick Wightman Moore	New London	133 F.
Edward Broadbent Morgan	Denver, Col.	74 High st.
Charles Rockwell Morley	Cleveland, O.	450 Chapel st.
George Rudolf Mosle	New York City	450 Chapel st.
Henry Townsend Nason	Troy, N. Y.	60 S. M.
Charles Fredrick Odell	Tarrytown, N. Y.	48 S. M.
John Henry Painter	Kittanning, Pa.	65 Olive st.
William Henry Parks	Clinton	29 High st.
Edward Wright Peet	West Haven	188 C.
Frank George Peters	Syracuse, N. Y.	67 N. M.
Arthur Stevens Phelps	Hartford	77 N. M.
Edward Johnson Phelps	Andover, Mass.	450 Chapel st.
Sheffield Phelps	Englewood, N. J.	178 L.
Charles Wheeler Pierson	Florida, N. Y.	194 C.
Robert Latimer Redfield	New York City	48 S. M.
Edward Winthrop Reid	Lakeville	74 High st.
Arleigh Dygert Richardson	Ilion, N. Y.	74 High st.

John Frederic Roache	<i>North Andover, Mass.</i>	183 L.
William Alfred Robbins	<i>Key Port, N. J.</i>	87 N. M.
Harry Leighton Rollins	<i>Wellesley, Mass.</i>	16 S.
Lucius Chester Ryce	<i>New York City</i>	136 College st.
Henry Thayer Safford	<i>Andover, Mass.</i>	113 N.
John Christopher Schwab	<i>New York City</i>	64 W.
Samuel Washington Scott	<i>New Haven</i>	181 L.
Fred Norris Sewall	<i>Bath, Me.</i>	41 S. M.
Henry Dusenbury Sheldon	<i>Detroit, Mich.</i>	44 High st.
Arthur Leffingwell Shipman	<i>Hartford</i>	65 W.
Edward Colhoun Smith	<i>St. Joseph, Mo.</i>	74 High st.
Edward Lincoln Smith	<i>Montpelier, Vt.</i>	190 C.
Floyd Robinson Smith	<i>Jersey City, N. J.</i>	71 N. M.
Frank DeWitt Smith	<i>Chicago, Ill.</i>	59 Prospect st.
George Clark Smith	<i>Newburgh, N. Y.</i>	47 S. M.
William Cromwell Sprague	<i>Ogdensburg, N. Y.</i>	73 N. M.
Walter Gay Stebbins	<i>Springfield, Mass.</i>	113 N.
Philip Battell Stewart	<i>Middlebury, Vt.</i>	450 Chapel st.
Edgar Crane Stiles	<i>Hartford</i>	188 C.
William Martin Strauss	<i>Poughkeepsie, N. Y.</i>	138 College st.
Sylvester Howe Taylor	<i>Washington, D. C.</i>	489 Chapel st.
Elford Parry Trowbridge	<i>New Haven</i>	221 Church st.
Frederick Cumings Truslow	<i>Brooklyn, N. Y.</i>	86 W.
Rollin Usher Tyler	<i>Tylerville</i>	71 N. M.
James Palmer Waring	<i>New York City</i>	65 N. M.
Henry Stephens Washington	<i>Navesink, N. J.</i>	226 Church st.
Thomas Glasby Waterman	<i>Detroit, Mich.</i>	159 Temple st.
John Whitmore	<i>New Haven</i>	147 Bradley st.
Charles Rothchild Williams	<i>New Haven</i>	135 Grand st.
Frank Edward Wing	<i>Conway, Mass.</i>	75 W.
Dudley Winston	<i>Chicago, Ill.</i>	177 F.
Frederick James Winston	<i>New York City</i>	100 N.
Evans Woollen	<i>Indianapolis, Ind.</i>	187 C.

SOPHOMORES, 153

FRESHMAN CLASS

William Maitland Abell	<i>Franklin</i>	127 N.
Charles Adams	<i>Litchfield</i>	114 College st.
Chandler Parsons Anderson	<i>New York City</i>	252 York st.
James Archbald, Jr.	<i>Scranton, Pa.</i>	128 N.
Joseph Noyes Babcock	<i>Brooklyn, N. Y.</i>	80 N. M.
Philip Sheridan Babcock	<i>Brooklyn, N. Y.</i>	80 N. M.
Willoughby Babcock	<i>New Haven</i>	171 Whalley av.
Albertus Hutchinson Baldwin	<i>Cheshire</i>	146 College st.
Charles Francis Baldwin	<i>Princeton, Ill.</i>	168 George st.
Albert William Barnum	<i>Evanston, Ill.</i>	44 Elm st.
Thomas Livingston Bayne, Jr.	<i>New Orleans, La.</i>	120 Crown st.
Rodmond Vernon Beach	<i>New Haven</i>	124 Temple st.
John Bennetto	<i>New Haven</i>	59 Prospect st.
Elmer Fox Berkele	<i>New Haven</i>	48 Wooster st.
Leslie Dayton Bissell	<i>Saxton's River, Vt.</i>	29 High st.
William Bascom Bissell	<i>Lakeville</i>	87 Trumbull st.
Edward Lydston Bliss	<i>Newburyport, Mass.</i>	125 Dwight st.
Allan Blair Bonar	<i>New Haven</i>	126 N.
James Philip Booth	<i>New Orleans, La.</i>	131 High st.
Dwight Eliot Bowers	<i>New Haven</i>	117 Crown st.
Arthur Wolfe Brady	<i>Muncie, Ind.</i>	137 College st.
Clayton Harcourt Brigham	<i>Savannah, Ga.</i>	41 High st.
William Barrett Brinsmade	<i>Brooklyn, N. Y.</i>	254 York st.
Wilson Brooks	<i>Austin, Tex.</i>	93 N. M.
Carleton Lewis Brownson	<i>New Canaan</i>	100 Greene st.
Henry Wade Bruorton	<i>Brooklyn, N. Y.</i>	217 York st.
John Christopher Burch	<i>Nashville, Tenn.</i>	120 High st.
Edward Lathrop Burke	<i>Chicago, Ill.</i>	124 High st.
William Savage Burns	<i>Bath, N. Y.</i>	163 Temple st.
Ernest LeRoy Caldwell	<i>Windsor</i>	95 N. M.
Middleton Arnold Caldwell	<i>Newburyport, Mass.</i>	111 York st.
Victor Bush Caldwell	<i>Omaha, Nebr.</i>	44 Elm st.
John Henry Carson	<i>New York City</i>	115 Elm st.
Walter Boughton Chambers	<i>Brooklyn, N. Y.</i>	82 Wall st.
Frederick Starkweather Chase	<i>Waterbury</i>	215 York st.
Francis Cameron Clarke	<i>Sing Sing, N. Y.</i>	155 Crown st.
Sanford Ellsworth Cobb	<i>Brooklyn, N. Y.</i>	94 N. M.
Frank Cochrane	<i>Coxsackie, N. Y.</i>	112 N.
Alfred Coit	<i>New London</i>	489 Chapel st.
Ira Clifton Copley	<i>Aurora, Ill.</i>	529 Chapel st.
William Aaron Cornish	<i>Gillette, N. J.</i>	110 N.
Robert Nelson Corwin	<i>Baiting Hollow, N. Y.</i>	127 N.
William Hutchinson Cowles	<i>Chicago, Ill.</i>	200 York st.
Alexander Brown Cox	<i>New York City</i>	76 High st.

John Cullinan, Jr.	<i>Bridgeport</i>	59 Prospect st.
Joseph Thomas Cunningham	<i>Norwich</i>	159 George st.
John Hubbard Curtis	<i>New Haven</i>	218 Orange st.
Thomas Hamlin Curtis	<i>New Haven</i>	218 Orange st.
Percy Walker Dana	<i>New Haven</i>	67 York sq.
Henry Alexander Dann	<i>Susquehanna, Pa.</i>	361 Elm st.
Stephen Howard Dennen	<i>New Haven</i>	243 Orange st.
Willard Robinson Douglass	<i>Leavenworth, Kan.</i>	111 N.
John Rice Eldridge	<i>Milford, Mass.</i>	104 Wall st.
Clarence Clark Ferris	<i>Sound Beach</i>	58 Lyon st.
Harry Burr Ferris	<i>Sound Beach</i>	58 Lyon st.
Charles Schmeck Foos	<i>Reading, Pa.</i>	8 Sylvan av.
Bernard Francis Gaffney	<i>New Britain</i>	125 Dwight st.
Robert Alexander Gardiner	<i>New Haven</i>	129 Whitney av.
Andrew Frink Gates	<i>Lebanon</i>	157 Orange st.
John Minor Gillespie	<i>Hard Times Landing, La.</i>	64 High st.
Clarence Glisan	<i>Portland, Oregon</i>	251 Church st.
Edward Winchester Goodenough	<i>Winchester</i>	314 York st.
William Nettles Goodwin	<i>Quincy, Cal.</i>	29 High st.
Robert Beers Gray	<i>Birmingham</i>	184 York st.
William Jessup Hand	<i>Scranton, Pa.</i>	109 Elm st.
Clinton Larue Hare	<i>Indianapolis, Ind.</i>	161 York st.
Frederic Wells Hart	<i>Plainville</i>	95 N. M.
Horace Sedgwick Hart	<i>New Haven</i>	104 William st.
Clifford Wayne Hartridge	<i>Savannah, Ga.</i>	41 High st.
George Griswold Haven, Jr.	<i>New York City</i>	76 High st.
Robert Forbes Hawkes	<i>New Haven</i>	44 Trumbull st.
Theodore Stone Hawley	<i>San Francisco, Cal.</i>	152 F.
Frederick Trevor Hill	<i>New York City</i>	165 Temple st.
George Edwin Hill	<i>Stamford</i>	74 High st.
Charles Mills Hinkle	<i>Cincinnati, O.</i>	215 York st.
Clarke Wesley Holly	<i>Philadelphia, Pa.</i>	109 N.
Frank Clifford Howe	<i>Peoria, Ill.</i>	96 N. M.
John Howard Hume	<i>Poughkeepsie, N. Y.</i>	15 Home pl.
William Stanton Hume, Jr.	<i>St. Louis, Mo.</i>	61 S. M.
Albert Gay Hunt	<i>Scranton, Pa.</i>	128 N.
DeWitt Clinton Huntington	<i>West Bingham, Pa.</i>	125 Dwight st.
George Merriam Hyde	<i>Chicago, Ill.</i>	86 Wall st.
Louis Kepler Hyde	<i>Plainfield, N. J.</i>	127 Crown st.
Obed Wilson Irvin	<i>Dayton, O.</i>	523 Chapel st.
Robert Irving Jenks	<i>Newport, N. H.</i>	295 York st.
Charles Bulkley Jennings	<i>Fairfield</i>	295 York st.
Oliver Gould Jennings	<i>Fairfield</i>	72 High st.
Allen Wardner Johnson	<i>Brooklyn, N. Y.</i>	165 Temple st.
Charles Keeler	<i>Auburn, N. Y.</i>	93 N. M.
John Bassett Keep	<i>Brooklyn, N. Y.</i>	161 Crown st.
William Burrage Kendall, Jr.	<i>Brooklyn, N. Y.</i>	165 Temple st.
William Kent	<i>San Rafael, Cal.</i>	155 Crown st.

Henry Belden Ketcham	<i>Dover Plains, N. Y.</i>	120 York st.
John Scott King	<i>Unionville</i>	106 Wall st.
John Henry Kirkham	<i>Newington</i>	79 N. M.
Charles Asher Knight	<i>Peekskill, N. Y.</i>	118 York st.
Samuel Knight	<i>Oakland, Cal.</i>	112 N.
Alfred Leeds	<i>Stamford</i>	192 Grove st.
Frank Dodge Leffingwell	<i>Montclair, N. J.</i>	109 N.
John Leverett	<i>Easthampton, Mass.</i>	96 N. M.
Robert Hart Lewis	<i>New Haven</i>	258 George st.
Charles Henry Ludington, Jr.	<i>New York City</i>	252 York st.
James McCormick, Jr.	<i>Harrisburg, Pa.</i>	192 York st.
William McCormick	<i>Harrisburg, Pa.</i>	192 York st.
Robert Maxwell	<i>Rockville</i>	133 College st.
Henry Lawton May	<i>North Brookfield, Mass.</i>	224 Crown st.
Frank Adams Meacham	<i>Fort Douglas, Utah</i>	126 N.
Joseph Weed Middlebrook	<i>Wilton</i>	100 Greene st.
Clarence Tomlinson Morse	<i>Chicago, Ill.</i>	146 College st.
Richard Dana Morse, Jr.	<i>South Sudbury, Mass.</i>	22 College st.
George Francis Nesbitt	<i>Kingston, Pa.</i>	123 York st.
Edward Hiram Norton, Jr.	<i>Torrington</i>	196 Crown st.
Irving Olmstead	<i>Stamford</i>	74 High st.
Edwin Parsons	<i>New York City</i>	133 College st.
Homer Tomlinson Partree	<i>Woodbury</i>	55 Prospect st.
David Warren Patten	<i>Colchester</i>	161 Crown st.
Louis Harman Peet	<i>Brooklyn, N. Y.</i>	152 Grove st.
Arthur Reed Pennell	<i>Brunswick, Me.</i>	9 Park st.
Thomas Penney	<i>London, England</i>	78 N. M.
Thomas Norwood Penrose	<i>Philadelphia, Pa.</i>	72 High st.
Arthur Perkins	<i>Hartford</i>	114 College st.
Herbert Farrington Perkins	<i>Farmington, Me.</i>	110 N.
George Daniel Pettee	<i>Sharon, Mass.</i>	111 N.
William Lyon Phelps	<i>Hartford</i>	77 N. M.
Frederic Smith Pickett	<i>Tariffville</i>	95 N. M.
Robert William Playford	<i>Uniontown, Pa.</i>	109 Elm st.
Frederick Hopkins Pomeroy	<i>Lockport, N. Y.</i>	76 W.
John Norton Pomeroy, Jr.	<i>San Francisco, Cal.</i>	167 Temple st.
Thomas Wyman Porter	<i>Montclair, N. J.</i>	125 N.
George Clyde Post	<i>Owasco Lake, N. Y.</i>	39 Lynwood st.
John Rogers, Jr.	<i>Stamford</i>	252 York st.
Benjamin Romaine	<i>San Francisco, Cal.</i>	215 Crown st.
Thomas Frederick Sanford	<i>Redding</i>	65 Dixwell av.
Charles Otis Scoville	<i>Montpelier, Vt.</i>	94 N. M.
William Albert Setchell	<i>Norwich</i>	361 Elm st.
Lewis Seymour	<i>Binghamton, N. Y.</i>	109 Wall st.
James Rockwell Sheffield	<i>Utica, N. Y.</i>	219 York st.
Walter Bradley Sheppard	<i>Penn Yan, N. Y.</i>	118 York st.
John Calhoun Simonds	<i>Charleston, S. C.</i>	120 York st.
Paul Spencer	<i>Brooklyn, N. Y.</i>	152 Grove st.

Fred Sprague	<i>Chicago, Ill.</i>	120 High st.
Edward Staehlin	<i>Newark, N. J.</i>	53 Prospect st.
Maximilian Lincoln Stein	<i>Milwaukee, Wisc.</i>	529 Chapel st.
Thomas Hunt Talmage	<i>Brooklyn, N. Y.</i>	192 Grove st.
William Pirrie Taylor	<i>Southbridge, Mass.</i>	215 York st.
William Larned Thacher	<i>New Haven</i>	155 Crown st.
Richard Simms Thomas	<i>Boonton, N. J.</i>	161 York st.
Edward Henry Thompson	<i>Auburn, Me.</i>	128 High st.
William Austin Tomes	<i>Brooklyn, N. Y.</i>	161 Crown st.
Charles Louis Torrey	<i>Putnam</i>	104 Wall st.
Howard Crosby Tracy	<i>Plainfield, N. J.</i>	127 Crown st.
Francis Bacon Trowbridge	<i>New Haven</i>	174 Crown st.
Wm. Rutherford Hayes Trowbridge, Jr.	<i>Barbadoes, W. I.</i>	526 Chapel st.
Winthrop Turney	<i>Astoria, N. Y.</i>	133 College st.
Frank Day Tuttle	<i>Brooklyn, N. Y.</i>	82 Wall st.
George Hobart Vining	<i>Asheville, N. C.</i>	78 N. M.
James Johnston Waring, Jr.	<i>Savannah, Ga.</i>	41 High st.
William Drew Washburn, Jr.	<i>Minneapolis, Minn.</i>	44 Elm st.
William Xenophon Weed	<i>Stamford</i>	60 Lyon st.
Frederic Roger Whittlesey	<i>Southington</i>	79 N. M.
Frederick Searls Woodward	<i>Brooklyn, N. Y.</i>	217 York st.
George Stanley Woodward	<i>Wilkes Barre, Pa.</i>	109 Elm st.
Michael Edward Woodward	<i>Oakland, Cal.</i>	53 Prospect st.
Roger Sherman Wotkins	<i>Chicago, Ill.</i>	120 York st.
Richard Horner Wyeth	<i>Philadelphia, Pa.</i>	125 N.
Warren Samuel Yates	<i>Omaha, Nebr.</i>	109 Wall st.
George Hurlbut Young	<i>New York City</i>	155 Elm st.

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GRADUATE STUDENTS

John Bartholomew, PH.B.	<i>Guilford</i>	91 Olive st.
Arnold Guyot Dana, B.A.	<i>New Haven</i>	24 Hillhouse av.
George Heber Graves, B.A.	<i>New Haven</i>	61 Grove st.
Chester Wolcott Lyman, B.A.	<i>New Haven</i>	88 Trumbull st.
Thomas Burr Osborne, B.A.	<i>New Haven</i>	156 Crown st.
Louis Valentine Pirsson, PH.B.	<i>New York City</i>	4 Mansfield st.
Samuel Lucius Penfield, PH.B.	<i>Catskill, N. Y.</i>	14 S. M.
Herbert Eugene Smith, PH.B., } M.D. Univ. of Pa.	<i>New Haven</i>	76 Howe st.

SENIOR CLASS

Gustavo Alfonso	<i>New York City</i>	36 Elm st.
Elwood Harvey Allcutt	<i>Kansas City, Mo.</i>	101 W.
Laurence Vincent Benét	<i>Washington, D. C.</i>	18 Trumbull st.
Edward Blake	<i>New Haven</i>	107 W.
Clarence Russell Britton	<i>Cleveland, O.</i>	36 Elm st.
Chauncey Rea Burr	<i>Portland, Me.</i>	119 W.
Albert Park Campbell	<i>New Haven</i>	28 York sq.
Herbert DeWitt Carrington	<i>New Haven</i>	527 Chapel st.
William Brainard Coit	<i>New London</i>	36 Elm st.
Clifford Laurence Colton	<i>Canton</i>	65 Grove st.
Louis Edward Cooper	<i>Ansonia</i>	94 York sq.
George Wyckoff Cummins	<i>Vienna, N. J.</i>	94 York sq.
Charles Percival Farquhar	<i>York, Pa.</i>	289 York st.
Arthur Bixby Ferguson	<i>New Haven</i>	30 Crown st.
Davenport Galbraith	<i>Erie, Pa.</i>	36 Elm st.
Morgan Augustus Guinnip	<i>Washington, D. C.</i>	116 Crown st.
Calvin Linsley Harrison	<i>New Haven</i>	94 Wooster st.
John Bell Hatcher	<i>Cooper, Iowa</i>	12 Elm st.
Samuel Brown Hawley	<i>Yonkers, N. Y.</i>	43 College st.
Edwin Musser Herr	<i>Denver, Col.</i>	289 York st.
James Henry Jennings	<i>Redding</i>	17 College st.
Henry Clay Johnson	<i>Rome, Ga.</i>	201 Chapel st.
Thomas Crossley Johnson	<i>New Haven</i>	80 LaFayette st.
Edson Keith, Jr.	<i>Chicago, Ill.</i>	36 Elm st.
Duane Judson Kelsey	<i>Killingworth</i>	266 York st.
Albert Lucas	<i>Philadelphia, Pa.</i>	43 College st.
James Minor Maghee	<i>Evansville, Ind.</i>	65 York sq.
Luther James Martin	<i>Norwich</i>	361 Elm st.
Seyton Howard Martin	<i>Clifton, N. Y.</i>	71 W.
George Edgar Moulthrop	<i>New Haven</i>	253 North Front st.
William Wallace Nichols	<i>Manitou Springs, Col.</i>	289 York st.

Albert Anderson Noye	<i>Buffalo, N. Y.</i>	99 Wall st.
Herbert Lincoln Noyes	<i>New Haven</i>	74 High st.
Joseph Powell, Jr.	<i>Towanda, Pa.</i>	43 College st.
Joseph Warren Rogers, Jr.	<i>Scarborough, N. Y.</i>	73 Mansfield st.
Walter Allen Sadd	<i>South Windsor</i>	159 Temple st.
William Godfrey Sage	<i>Chicago, Ill.</i>	65 York sq.
Russell Sargent	<i>New Haven</i>	51 Elm st.
Clarence Wellington Sheldon	<i>Brooklyn, N. Y.</i>	36 Elm st.
William Tuttle Shepard	<i>Bristol</i>	17 College st.
John Prentice Terry	<i>Brooklyn, N. Y.</i>	121 Park st.
Chester Thorne	<i>Millbrook, N. Y.</i>	101 W.
James Henry Warner	<i>Steubenville, O.</i>	63 Prospect st.
Elmore Abram Willets	<i>Belmont, N. Y.</i>	43 College st.
Andrew Lincoln Winton	<i>Bridgeport</i>	63 Prospect st.
SENIORS, 45		

JUNIOR CLASS

Arthur Bronson Adams	<i>New Haven</i>	120 St. John st.
Grenville French Allen	<i>New Haven</i>	197 Temple st.
Philip VanWyck Anderson	<i>Sing Sing, N. Y.</i>	68 W.
James Arthur Atwood	<i>Wauregan</i>	43 College st.
John Frank Babcock	<i>Elmira, N. Y.</i>	36 Elm st.
Paul Daily Bernard	<i>Brooklyn, N. Y.</i>	68 W.
Clarence Blakeslee	<i>New Haven</i>	316 George st.
Robert Neill Brace	<i>Dobbs Ferry, N. Y.</i>	57 W.
Fred Spencer Bullene	<i>Kansas City, Mo.</i>	36 Elm st.
Richard Morton Bushnell, Jr.	<i>Saybrook</i>	225 Orange st.
Merritt Mead Clark	<i>Bedford, N. Y.</i>	177 Temple st.
Wallace Sherman Clark	<i>New York City</i>	226 George st.
Arthur Chandler Coates	<i>Kansas City, Mo.</i>	36 Elm st.
Arthur Carrington Cowles	<i>Wallingford</i>	136 College st.
William Ledlie Culbert	<i>Brooklyn, N. Y.</i>	57 W.
John Joseph Flather	<i>Bridgeport</i>	295 York st.
William Holt Gale	<i>New York City</i>	324 Prospect st.
Irving Cook Gladwin	<i>Sherburne, N. Y.</i>	59 W.
Jacob Phillip Goodhart	<i>New Haven</i>	107 Court st.
Charles Lord Griffith	<i>San Francisco, Cal.</i>	36 Elm st.
John Venable Hanna	<i>Kansas City, Mo.</i>	58 W.
John Ethan Hill	<i>Mystic Bridge</i>	314 York st.
David Leavitt Hough	<i>Fort Wayne, Ind.</i>	59 W.
Percy Jackson	<i>Belleville, N. J.</i>	203 York st.
Edwin Young Judd	<i>Hartford</i>	86 W.
Amos William Kimball	<i>Portland, Oregon</i>	43 College st.
Harry D. Kohn	<i>Chicago, Ill.</i>	63 W.

Ira Lamb	Franklin	157 Orange st.
Percy Lyford Lang	Waverly, N. Y.	43 Chapel st.
Charles Pond McAvoy	Chicago, Ill.	43 College st.
Charles Dickerman McCandliss	Philadelphia, Pa.	58 w.
William Adair McDowell	Lexington, Ky.	43 College st.
Daniel William Maher	New Haven	129 Spring st.
Daniel Delevan Mangam, Jr.	Sing Sing, N. Y.	43 College st.
William Edward Martin	Allentown, Pa.	167 Temple st.
Edwin Alexander Meredith	Xenia, O.	65 York sq.
Deane Miller	New Rochelle, N. Y.	226 George st.
Herbert Lincoln Mitchell	New Haven	52 Insurance B'ld'g.
James Jacob Morgan	New Haven	470 Elm st.
William Alpheus Nettleton	Kansas City, Mo.	124 w.
Truman Handy Newberry	Detroit, Mich.	43 College st.
Isaac Norris, 3d	Philadelphia, Pa.	77 w.
George Washington Norton, Jr.	Louisville, Ky.	124 w.
Henry Oliver	Pittsburgh, Pa.	106 w.
John Cunningham Oliver	Pittsburgh, Pa.	106 w.
Abbott Chandler Page	Fair Haven	South Quinpiac st.
Willis LaFayette Perkins	Portland, Me.	203 York st.
Royal Watson Pinney	Derby	167 Temple st.
Daniel Tuthill Pratt	Elmira, N. Y.	36 Elm st.
Sidney Armour Reeve	Dayton, O.	59 Grove st.
Willard Crawford Reid	Lakeville	74 High st.
John Rice	Pottstown, Pa.	43 College st.
Charles Thomas Richardson	Hornellsville, N. Y.	43 College st.
William Todd Ross	Belfast, Me.	60 w.
Charles Gideon Rupert	New Market, Va.	111 Dwight st.
Frank Elbert Sands	New Haven	119 Dwight st.
Louis Milton Schmidt	New Britain	59 Grove st.
James Alward Seymour	Auburn, N. Y.	36 Elm st.
Murray Shipley, Jr.	Cincinnati, O.	109 Elm st.
Joseph Godfrey Snyder	Chicago, Ill.	63 w.
Frank Jerome Stevens	New Haven	7 Wooster pl.
William VanSchoonhoven Thorne	New York City	133 College st.
Henry Lee Townsend	New York City	88 w.
Curtiss Chauncey Turner	Omaha, Nebr.	60 w.
George Elliot Verrill	New Haven	86 Whalley av.
Frederick Brewster Wheeler	Monroe	175 Temple st.
Henry Howard Whitehouse	Hartford	167 Temple st.
Willis Stoughton Williams	Minneapolis, Minn.	65 York sq.
Winslow Tracy Williams	Norwich	71 w.
Edward Simpson Wilson	New York City	119 w.
Clarence Henry Wood	Morristown, N. J.	43 College st.
Benjamin Elizur Wright	Cromwell	91 w.

FRESHMAN CLASS

William Allender	<i>New London</i>	134 College st.
Gilbert Lincoln Husted Arnold	<i>Stamford</i>	607 Elm st.
William Wallace Atterbury	<i>Detroit, Mich.</i>	55 Prospect st.
Nathan Edward Ayer	<i>Bangor, Me.</i>	Church st.
Silas Warren Bartlett	<i>New Haven</i>	675 Chapel st.
Emil Baumgarten	<i>New York City</i>	63 Prospect st.
Henry William Blake	<i>New Haven</i>	149 Temple st.
John Marvin Blakeley	<i>St. Paul, Minn.</i>	251 Church st.
Howard Cone Bolton	<i>Cleveland, O.</i>	55 W.
Percival Ranney Bolton	<i>Cleveland, O.</i>	55 W.
Louis Whitford Bond	<i>New York City</i>	61 W.
Thomas Stoddard Bronson	<i>New Haven</i>	684 Chapel st.
Harry Lockwood Burns	<i>Milford</i>	57 Prospect st.
Lewis Emerson Cadwell	<i>New Haven</i>	106 Liberty st.
Fred. Eaton Case	<i>Detroit, Mich.</i>	76 Mansfield st.
Theodore Newton Case	<i>Hartford</i>	87 Trumbull st.
John Chamberlain	<i>Kansas City, Mo.</i>	76 Mansfield st.
Lucian Thorp Chapman	<i>New York City</i>	156 Grove st.
George Frederick Converse	<i>New Haven</i>	158 Olive st.
Frederick William Darlington	<i>West Chester, Pa.</i>	105 Wall st.
Alexander Harrison Davis	<i>Watertown</i>	104 Wall st.
John Edwin Doane	<i>Chicago, Ill.</i>	92 W.
Joseph Osterman Dyer, Jr.	<i>Galveston, Texas</i>	31 Trumbull st.
Ansel Mills Easton	<i>Millbrae, Cal.</i>	215 York st.
Charles Francis Emerson	<i>Titusville, Pa.</i>	38 Elm st.
Harvey Farrington	<i>Croton, N. Y.</i>	64 High st.
Joseph Essex Fitzsimons	<i>Waterbury</i>	84 Dixwell av.
Robert Elder Forster	<i>Harrisburg, Pa.</i>	44 Elm st.
Charles Albert Fry	<i>Westville</i>	147 Bradley st.
Frederick Abbot Goodwin	<i>Rutland, Vt.</i>	82 Wall st.
William Washington Gordon, 3d	<i>Savannah, Ga.</i>	115 Elm st.
James Eugene Greenebaum	<i>Chicago, Ill.</i>	110 Olive st.
Everett Mason Grimes	<i>Oakland, Cal.</i>	161 Temple st.
Theodore Newell Haller	<i>Seattle, Wash. Terr.</i>	76 Mansfield st.
Harry Cloyd Hamill	<i>Georgetown, Col.</i>	161 Temple st.
David Neil Harper	<i>Shippensburgh, Pa.</i>	287 York st.
Frank Sperry Harrison	<i>New Haven</i>	18 Warren st.
Willis Benjamin Herr	<i>Denver, Col.</i>	287 York st.
Jay Russell Hickox	<i>South Britain</i>	270 Martin st.
William Brisbane Hickox	<i>Litchfield</i>	128 High st.
William Barlow Hill	<i>Greenfield Hill</i>	17 College st.
Abraham Lincoln Howes	<i>Black Rock</i>	63 Prospect st.
Marvin D. Hubbell	<i>New York City</i>	94 York sq.
William Evelyn Hutchings	<i>Louisville, Ky.</i>	163 Temple st.

Morison Thomas Hutchinson	<i>Brooklyn, N. Y.</i>	165 Temple st.
Abraham Lincoln Hyde	<i>New Haven</i>	179 Washington st.
William David Johnson	<i>New Haven</i>	92 Rosette st.
Henry Bourne Joy	<i>Detroit, Mich.</i>	72 High st.
Thomas Coggeshall Knowles	<i>San Francisco, Cal.</i>	161 Temple st.
Harrie Sheldon Leonard	<i>Washington, D. C.</i>	8 Lock st.
Cornelius Fay Lynde	<i>Rock Island, Ill.</i>	237 Orange st.
Mahlon Henry Marlin	<i>New Haven</i>	178 George st.
Frederick Anderson Marsh	<i>Kansas City, Mo.</i>	109 Wall st.
Conrad Henry Matthiessen	<i>Cornwall, N. Y.</i>	155 Elm st.
Arthur Meeker	<i>Chicago, Ill.</i>	124 High st.
Edwin Frank Meyer	<i>Chicago, Ill.</i>	110 Olive st.
George Perkins Miller	<i>Utica, N. Y.</i>	163 Temple st.
Samuel Everett Oakes	<i>Washington, D. C.</i>	184 York st.
Henry White Patten	<i>North Haven</i>	17 Wooster pl.
George Eustis Potts	<i>Philadelphia, Pa.</i>	61 W.
James Frederick Prentiss	<i>Watertown, Wisc.</i>	44 Elm st.
William Acker Rice	<i>St. Paul, Minn.</i>	251 Church st.
Arthur Jones Richmond	<i>Providence, R. I.</i>	55 Trumbull st.
Samuel Bostwick Robbins	<i>Lakeville</i>	87 Trumbull st.
Reginald Ronalds	<i>New York City</i>	134 College st.
Alexander Holley Rudd	<i>Lakeville</i>	61 Grove st.
Henry Rustin	<i>Omaha, Nebr.</i>	New Haven House
Emanuel Frank Selz	<i>Chicago, Ill.</i>	110 Olive st.
Edwin Coupland Shaw	<i>Buffalo, N. Y.</i>	63 Prospect st.
Alfred Edgar Siviter	<i>West Stratford</i>	91 W.
Edward Arthur Smith	<i>Middletown</i>	61 Prospect st.
George Howard Smith	<i>Canajoharie, N. Y.</i>	167 Temple st.
William Sanders Tevis	<i>San Francisco, Cal.</i>	44 Elm st.
John Metcalfe Thomas	<i>New York City</i>	134 College st.
Louis Denio Tourtellot	<i>Utica, N. Y.</i>	124 High st.
Calvert Townley	<i>Cincinnati, O.</i>	192 York st.
George Pollok Devereux Townsend	<i>Middletown</i>	252 York st.
Thomas Brodhead VanBuren, Jr.	<i>Englewood, N. J.</i>	55 Trumbull st.
Henry Hayes Wadsworth	<i>Glencoe, Minn.</i>	Allingtown
James Edward Warnock	<i>Atlanta, Ga.</i>	128 York st.
John Willard Willard	<i>New York City</i>	109 Elm st.
Charles Willcox	<i>Omaha, Nebr.</i>	163 Temple st.
Rockwell Amasa Williams	<i>Canterbury</i>	104 Wall st.
Robert McKnight Woods	<i>New Haven</i>	210 George st.
FRESHMEN, 84		

SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

Louis Ross Alberger	<i>Buffalo, N. Y.</i>	292 Ferry st.
Francis Lewis Sperry	<i>Tallmadge, O.</i>	146 College st.
James Prior Wood	<i>West Haven</i>	2 Church st.

SPECIAL STUDENTS, 3

SCHOOL OF THE FINE ARTS

FACULTY

REV. NOAH PORTER, D.D., LL.D., PRESIDENT

JOHN F. WEIR, N.A., M.A., DIRECTOR

REV. JAMES M. HOPPIN, D.D.

JOHN H. NIEMEYER, M.A.

FREDERIC R. HONEY, *Instructor in Perspective*

JOHN P. C. FOSTER, M.D., *Instructor in Anatomy*

HARRISON W. LINDSLEY, C.E., *Instructor in Architecture*

FREDERIC T. LANGZETTEL, *Librarian*

STUDENTS

Maud A. Allan	<i>New Haven</i>
Susan M. Alling	<i>Birmingham</i>
Emma H. Bacon	<i>Meriden</i>
Emma C. Banks	<i>New Haven</i>
Ona O. Banks	<i>New Haven</i>
Mary J. Bassett	<i>West Haven</i>
Mary L. Bates	<i>Canandaigua, N. Y.</i>
Carl J. Blenner	<i>New Haven</i>
Frank C. Boardman	<i>Cornwall</i>
Lucy A. Bradner	<i>New Haven</i>
Alice Bronson	<i>New Britain</i>
Henry W. Brown	<i>Waldoboro, Me.</i>
Fannie C. Burr	<i>Monroe</i>
Almira L. Candee	<i>Bridgeport</i>
Susan J. Candee	<i>New Haven</i>
Mary F. Carew	<i>New Haven</i>
Charles T. Carter	<i>Waterbury</i>
Carrie E. Coit	<i>Cleveland, O.</i>
Sarah J. Deshon	<i>Meriden</i>
Caroline K. Eaton	<i>New Haven</i>
Sarah W. Foote	<i>New Haven</i>
Jessie C. Harger	<i>New Haven</i>
Eliza J. Harrison	<i>New Haven</i>
Henrietta L. Heness	<i>New Haven</i>
Marie Heness	<i>New Haven</i>

Emma E. Hill	<i>New Haven</i>
Mary E. Hobson	<i>Wallingford</i>
Annie S. Johnson	<i>Fair Haven</i>
Elizabeth U. Kingsley	<i>New Haven</i>
Alice R. Kinney	<i>Ansonia</i>
Josephine M. Lewis	<i>New Haven</i>
Julie C. Lindsley	<i>New Haven</i>
Mary A. McFarland	<i>New Haven</i>
Lanora Love	<i>Coshocton, O.</i>
Jane C. Newton	<i>Norwich, N. Y.</i>
Elizabeth S. Newberry	<i>New Haven</i>
Thalia A. Painter	<i>West Haven</i>
Elizabeth S. Pitman	<i>Wallingford</i>
Martha J. Potter	<i>New Haven</i>
Mary R. Prescott	<i>New Haven</i>
Emma L. Seely	<i>Chester, N. Y.</i>
Harriet Taylor	<i>Green's Farms</i>
Mary L. Thorn	<i>New Haven</i>
William E. Treat	<i>Meriden</i>
Katherine H. Trowbridge	<i>New Haven</i>
Nancy B. Trowbridge	<i>New Haven</i>
Ethel C. Walker	<i>New Haven</i>
Nellie P. Wickwire	<i>Sheffield, Mass.</i>
Elmer A. Wolfe	<i>New Haven</i>

Also, 84 students from the Sheffield Scientific School.

NOTE—The Art Optional, for members of the Senior class of the Academical Department, does not begin until after the winter vacation, consequently the number of students in that class is undetermined.

SUMMARY OF STUDENTS

DEPARTMENT OF THEOLOGY	-	-	-	-	99
DEPARTMENT OF MEDICINE	-	-	-	-	31
DEPARTMENT OF LAW	-	-	-	-	69
DEPARTMENT OF PHILOSOPHY AND THE ARTS:					
GRADUATE INSTRUCTION	-			-	30
UNDERGRADUATE ACADEMICAL DEPARTMENT					612
SHEFFIELD SCIENTIFIC SCHOOL				-	212
SCHOOL OF THE FINE ARTS			-	-	49
					<hr/> 903
					<hr/> 1102
Deduct for names inserted twice				-	10
					<hr/>
TOTAL	-	-	-	-	1092

GENERAL STATEMENT

The departments of Instruction in YALE COLLEGE are comprehended under four divisions, as follows:—

The Faculty of THEOLOGY;
of MEDICINE;
of LAW;
of PHILOSOPHY AND THE ARTS.

Under the last named Faculty are included, the COURSES FOR GRADUATE INSTRUCTION, the UNDERGRADUATE ACADEMICAL DEPARTMENT, the UNDERGRADUATE SECTION OF THE SHEFFIELD SCIENTIFIC SCHOOL, and the SCHOOL OF THE FINE ARTS,—each with a distinct organization.

In the particular statements which follow, the Department of Philosophy and the Arts is first given, with its subdivisions in the order named; and afterwards the three Professional Departments.

The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN."

DEPARTMENT OF PHILOSOPHY AND THE ARTS

GRADUATE INSTRUCTION

Graduates of this and other Colleges, and other persons of liberal education (not less than eighteen years old), are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

An Executive Committee has a general oversight of the students in this department. The Committee this year is composed of Professors WHITNEY, NEWTON, BRUSH, and WHEELER. They receive the names of applicants for instruction, and judge and approve the courses of study proposed; and information may be obtained from them as to conditions, terms, etc. Students may also make special arrangements with any instructor according to their mutual convenience.

Instruction is given partly by lectures, partly by recitations and by oral and written discussions, partly by directing courses of reading, and partly by work in the laboratories and with instruments.

The terms and vacations correspond with those in the Undergraduate Departments. (See Calendar, p. 4.)

The fee for instruction is generally one hundred dollars, or more or less, according to the course pursued and the amount of instruction received.

THE DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those who, after having taken a Bachelor's degree (implying a course of undergraduate study equivalent to that pursued in the Academical Department), and having studied in this department for not less than two years, shall have passed a satisfactory final examination and presented a thesis giving evidence of high attainment in the branches of knowledge pursued. It is not given, upon examination, to those whose studies are pursued elsewhere. The requirements for it will

in some cases exact of the student more than two years of labor; especially when the course of undergraduate study has been less than four years. A good knowledge of Latin, German, and French, will be required in all cases, unless, for some exceptional reason, the candidate be excused by the Faculty. The graduating fee is ten dollars.

The courses of instruction given in the department may be grouped as follows:

1. Intellectual Philosophy ; Ethics :

President PORTER and Professor LADD : Psychology ; Philosophy ; History of Philosophy ; Ethics.

2. Political Science and History :

Professor WHEELER : Origin and Development of the English Constitution.
Professor BREWER : Relations of Physical Geography to Political History.
Professor SUMNER : Politics and Finance in the History of the United States ; Political Economy.

Professor ROBINSON : History of Real Property ; Canon Law ; Parliamentary Law.

Professor DEXTER : American History.

Professor BALDWIN : Conflict of Laws ; Comparative Jurisprudence.

Professor PLATT : General Jurisprudence.

Professor WOOLSEY : International Law.

Mr. A. S. WHEELER : the Institutes of Gaius and Justinian ; select titles of the *Corpus Juris* ; German text-books of Roman Law.

Mr. A. T. HADLEY : Industrial problems of the day.

3. Philological Science ; Literature :

Professor THACHER, Professor PECK, and Professor H. P. WRIGHT : selected Latin authors ; History of Roman Literature ; Early Latin ; Latin Philology ; Latin Composition ; Roman History and Antiquities.

Dr. J. H. TRUMBULL : The American Indian Languages, especially the dialects of the Algonkin family.

Professor WHITNEY : the general Principles of Linguistic Science ; the Comparative Philology of the Indo-European Languages ; the Sanskrit Language.

Professor SEYMOUR : critical reading of Greek authors ; History of Greek Literature ; Greek Antiquities ; Greek Metres.

Professor WILLIAMS : the Chinese Language and Literature.

Mr. VAN NAME : the elements of the Japanese Language.

Professor LOUNSBURY and Professor BEERS : the Anglo-Saxon Language ; the early forms and literature of English.

Professor KNAPP : Spanish ; Italian ; Old French and Provençal ; the Russian Language.

Professor DAY : the Hebrew and other Semitic Languages.

4. *Mathematics :*

Professor NEWTON : Calculus ; Analytical Mechanics ; Lunar and Planetary Theories ; Higher Geometry.

Professor CLARK : Definite Integrals ; Differential Equations ; Analytical Mechanics ; the Theory of Numerical Approximations ; the Method of Least Squares.

Professor GIBBS : Vector Analysis, with applications to various departments of Physics ; the Potential and allied Functions, with reference to the theories of Electricity and Magnetism, including the electro-magnetic theory of Light.

5. *Physics ; Chemistry ; Astronomy :*

Professor LOOMIS : Meteorology, with especial reference to the laws of storms.

Professor LYMAN : the use of Meridional and other Astronomical Instruments.

Professor JOHNSON : Theoretical and Analytical Chemistry.

Professor A. W. WRIGHT : Physical Measurements, with Practical Exercises in the Physical Laboratory, in the departments of Heat, Light, and Electricity.

Professor ALLEN : Analytical Chemistry.

Professor DUBOIS : Thermodynamics.

Professor CHITTENDEN : Physiological Chemistry.

Dr. WALDO : the Theory and Practice of Micrometry ; Practical Thermometry.

See, also, Mathematics, above.

6. *Geology ; Natural History :*

Professor J. D. DANA : Geology.

Professor BRUSH : the Analysis and Determination of Mineral Species ; Descriptive Mineralogy.

Professor EATON : Structural and Systematic Botany, including the North American Flora and the description of genera and species.

Professor MARSH : Palæontology ; Comparative Osteology.

Professor VERRILL and Professor SMITH : Zoology.

Professor E. S. DANA : Optical Mineralogy ; Crystallography.

7. *Applied Science :*

Professor LYMAN : Astronomical Spectroscopy.

Professor JOHNSON : Agricultural Chemistry.

Professor BREWER : Agriculture ; Forest Culture.

Professor DUBOIS : Dynamical Engineering.

8. *Fine Arts :*

For the instruction open to Graduates in the School of the Fine Arts, see page 74.

THE DEGREE OF MASTER OF ARTS is conferred on Bachelors of Arts of two years' standing or upwards, who have given to the Academical Faculty evidence of having made satisfactory progress in liberal studies after receiving their first degree.

Such evidence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the Academical Faculty, followed by an examination.

Such Bachelors of Arts of this College as may not choose to reside at the College for the prosecution of study may show at any time not less than three years after graduation, by their printed essays, or by submitting to special examinations, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree.

A committee of the Faculty is appointed (consisting, for the present year, of Professors NEWTON and WHEELER), to whom candidates for this degree must submit their proposed courses of study by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by the first of June.

In the case of resident students, the charge for instruction will usually be one hundred dollars, with a fee of ten dollars for the degree. In the case of non-residents, the fee for examinations and the degree will usually be twenty-five dollars.

THE DEGREES OF CIVIL AND DYNAMIC ENGINEER are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions, and to make the requisite drawings and calculations. The fee for graduation is five dollars.

UNDERGRADUATE ACADEMICAL DEPARTMENT

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects:

1. Latin Grammar.
 2. Cæsar—four books of the Gallic war, or two books of the Civil war.
 3. Cicero—seven Orations.
 4. Vergil—Bucolics, and first six books of the Æneid, including Prosody.
 5. Ovid—Metamorphoses, 2500 lines.
 6. The translation, at sight, of passages from Cicero or Cæsar.
 7. The translation into Latin of a connected passage of English Prose.
[As special importance will be given to this part of the examination, it is suggested to teachers that they connect exercises in making Latin, both oral and written, with all the Latin studies of the preparatory course.]
 8. Roman History—Creighton's Primer of Roman History is suggested, as a basis for instruction.
-

9. Greek Grammar.
10. The translation of English into Greek.
11. Xenophon—Anabasis, four books.
12. Homer—Iliad, three books, with Prosody.
13. The translation, at sight, of a passage from some work of Xenophon.
14. Greek History.

The rules for pronunciation given in Hadley's Grammar are recommended as a guide. For Greek History, Dr. Wm. Smith's or Fyffe's text-book, and for Greek Composition, Jones's Exercises or White's Lessons, are suggested.

15. Higher Arithmetic—including the metric system of weights and measures.
 16. Algebra—so much as is included in Loomis's Treatise, up to the chapter on Logarithms.
 17. Geometry—Euclid, book first, and the first 33 exercises thereon in Todhunter's edition; or, the first four books in other Geometries, with the above exercises.
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Candidates will be allowed to divide the examination, with an interval of not less than a year between the two parts. In such cases, they must present themselves at the *June* examina-

tion of the first year, for examination in not more than ten (in which number the translation at sight of Latin and Greek must not be included) of the above subjects, and must be accepted on at least six in order to receive any certificate of partial admission.

THE REGULAR EXAMINATION FOR ADMISSION to college is held at Graduates' Hall, New Haven, on Thursday, Friday, and Saturday after Commencement (June 26, 27, 28, 1884); *attendance is required at the opening of the examination, at 9 A. M. on Thursday.* The examination is wholly in writing; copies of papers recently given will be sent by the Secretary on application.

In 1884 examinations for admission to the Freshman Class (but not to higher classes) will also be held in Andover, Mass. (in the rooms of Phillips Academy), in Chicago, in Cincinnati, in St. Louis, and in San Francisco (beginning on Thursday, June 26, at 9 A. M.), at places to be announced in the local newspapers of the day previous. Candidates who propose to be present (elsewhere than at New Haven) are requested to send their names to the Secretary before June 15. A fee of five dollars is charged for admission to examinations outside of New Haven. The College is also prepared to hold an examination, at the above-named time, in any city or at any school where the number of candidates may be sufficient to warrant it; applications for this purpose should be sent to the Secretary before June 1.

A second examination (for those who cannot attend the first) is held in New Haven at the beginning of the College year, on Tuesday and Wednesday (Sept. 16, 17, 1884); candidates for this examination must be present at Graduates' Hall at 9 A. M. on Tuesday.

Persons applying to be examined at other times must first obtain special permission from the Faculty, and pay to the Treasurer a fee of ten dollars. In general, examinations for admission to the next Freshman Class can only be held at the times above specified; if specially held, a special fee will be charged.

ADVANCED STANDING—All candidates for advanced standing, *whether from other Colleges or not*, are examined in addition to the preparatory studies, in those studies already pursued (see next page) by the class which they wish to enter. In the

several languages, for the particular books studied by the Class equivalent amounts from other books may be offered.

Bachelors of Arts or of Philosophy of any institution may join the Senior Class (without examination and without becoming candidates for the Bachelor's degree), as candidates for the degree of Doctor of Philosophy after three years' study. (See p. 48.)

No one can be admitted to the Senior Class after the beginning of the second term.

AGE—No one can be admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.

TESTIMONIALS — Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission is granted; and students from other Colleges must present certificates of dismissal in good standing.

BOND—Every person must give to the Treasurer, on being admitted, a bond, executed by the parent or guardian, for five hundred dollars, as security for the payment of charges arising under the laws of the College. A blank form for this purpose will be furnished at the time of admission.

THE COURSE OF INSTRUCTION occupies four years. In each year there are two terms. The following is a scheme of the studies, or, more correctly, of equivalents which will be accepted from candidates for advanced standing:—

FRESHMAN YEAR :

FIRST TERM—*Greek*—Homer's *Odyssey*, begun. *Latin*—Livy, begun; Cicero's *Second Philippic*; Arnold's *Latin Composition* (to page 150). *Mathematics*—Phillips and Beebe's *Graphic Algebra*; Todhunter's *Euclid*, books 3, 4; Chauvenet's *Geometry*, books 3, 4, 5. *Hygiene*—Lectures.

SECOND TERM—*Greek*—Homer's *Odyssey*, continued through five books; Herodotus, one book; Boise's *Exercises in Greek Syntax* (to page 85). *Latin*—Livy, continued through one book; Cicero *de senectute*; Ovid, *Ramsey's Selections*; Roman *Antiquities*. *Mathematics*—Chauvenet's *Geometry*, finished; Richards's *Plane Trigonometry*, first six chapters. *Rhetoric*—Recitations and Lectures. Compositions.

SOPHOMORE YEAR :

FIRST TERM—*Greek*—Six Orations of Demosthenes. *Latin*—Odes of Horace ; Agricola and Germania of Tacitus. *Mathematics*—Richards's Plane Trigonometry, Mensuration, Surveying and Navigation. *Rhetoric*—Compositions.

SECOND TERM—*Greek*—Prometheus of Æschylus ; Xenophon's Memorabilia, one book ; Antigone of Sophocles ; Plato's Apology of Socrates and Crito. *Latin*—Satires and Epistles of Horace ; Satires of Juvenal ; Cicero *de officiis*. *Mathematics*—Richards's Spherical Trigonometry ; Loomis's Analytical Geometry ; Dana's Mechanics. *Rhetoric*—Lectures on Elocution, with practice. Declamations. Compositions.

JUNIOR YEAR :

FIRST TERM—*Physics*—Ganot's Physics. *German*—Whitney's Grammar and Reader ; German Composition. *English*—Chaucer, Milton ; Forensic Disputations. *Chemistry*—Barker's Chemistry ; Lectures.

For optional studies (*Latin, Greek, Mathematics, French, Italian, English*) see below.

SECOND TERM.—*Physics*—Ganot's Physics. Lectures. *Rhetoric*—Forensic Disputations. *German*—Whitney's Grammar and Reader ; German Composition. *Astronomy*—Loomis's Astronomy. *History*—Doyle's United States. *Logic*—Jevons's Logic.

For optional studies (*Latin, Greek, Mathematics, French, Italian, English, Anglo-Saxon, Zoology, Botany*) see below.

SENIOR YEAR :

FIRST TERM—*Mental Philosophy*—Porter's Human Intellect. Lectures. *Moral Philosophy*—Butler's Sermons ; Hopkins' Law of Love. *Geology*—Dana's Geology. *Political Science*—Mill's Political Economy. Lectures. *Rhetoric*—Compositions.

For optional studies (*Latin, Greek, French, German, Spanish, Italian, Sanskrit, Mathematics, Astronomy, Mineralogy, European History*) see below.

SECOND TERM—*Natural Theology and Evidences of Christianity*—Lectures. *Mental Philosophy*—Porter's Intellect, continued. Lectures. *History of Philosophy*—Schwegler's History. *History*—Hallam's Constitutional History. Lectures. *Evolution and Cosmogony*—Lectures. *Rhetoric*—Compositions. *Political and Social Science*—Recitations. Lectures. *Common Law of England and American Constitutional Law*—Recitations and Lectures.

For optional studies (*Philosophy, Latin, Greek, French, German, Spanish, Italian, Sanskrit, Linguistics, Mathematics, Physics, Meteorology, Geology, International Law, Political Science, Fine Arts*) see below.

OPTIONAL STUDIES—Every student is required to have four exercises a week in an optional study, during Junior and Senior years. Change from one optional to another is allowed at the end of Junior year, and also to a new optional when—

ever one is begun. In case an optional is withdrawn before the end of a year, any of the other optionals may be chosen in its place, provided the instructor is upon examination satisfied of the student's fitness to enter the class. A student who can on examination show thorough acquaintance, in advance, with one or more of the required studies of Junior or Senior year, may choose instead a second optional. The following courses of optional studies are provided.

I. PHILOLOGY :

1. ANCIENT LANGUAGES : (*a*) GREEK, through Junior and Senior years, four exercises a week, with Professors Seymour and Tarbell. (*b*) LATIN, through Junior and Senior years, with Professors Thacher and Peck, four exercises a week. (*c*) LATIN and GREEK, two exercises a week in each, through Junior and Senior years, with Professors Thacher, Peck, Seymour and Tarbell. (*d*) SANSKRIT, through Senior year, with Professor Whitney, two double exercises a week.

2. MODERN LANGUAGES AND LITERATURE : (*a*) FRENCH, through Junior and Senior years, four exercises a week, with Professor Knapp ; in Junior year, French Composition and Literature, the French language being the only medium of instruction. A thorough knowledge of the elements of the French Language is required of students who choose French as an optional study in Junior year. The examination may be passed at the time of the Sophomore annual examination, or at the beginning of Junior year, and will be upon Keetels' Elementary French Grammar, entire, including the irregular verbs. (*b*) SPANISH, through Senior year, four exercises a week, with Professor Knapp ; Grammar and Exercises, with special reference to commercial correspondence and conversation, together with prose readings in living authors, and subsequently readings in Cervantes, Lope de Vega, and Calderon. (*c*) ITALIAN, through Junior and Senior years, four exercises a week, with Professor Bendelari ; in Junior year, Grammar, Composition, modern Italian prose ; in Senior year, Composition, the classical literature, Dante. (*d*) GERMAN, through the first term of Senior year, four exercises a week, and through the second term two courses, two exercises a week, with Mr. Ripley ; Schiller's *Piccolomini* ; Lessing's *Minna von Barnhelm* and selections from prose ; the elements of middle high-German, with readings from that literature. (*e*) ANGLO-SAXON, through the second term of Junior year, with Professor Beers, four exercises a week ; Sweet's Anglo-Saxon Reader. (*f*) ENGLISH LITERATURE, through Junior year, with Professors Northrop and Beers, four exercises a week ; Shakspeare, Spenser, and other authors ; History of the Language and Literature.

3. LINGUISTICS. Through the first half of the second term of Senior year, two exercises a week, with Professor Whitney.

II. MENTAL AND MORAL PHILOSOPHY :

With President Porter and Professor Ladd, through the second term of Senior year, two exercises a week.

III. HISTORY AND POLITICAL SCIENCE :

1. HISTORY OF EUROPE, since 1815, through the first term of Senior year, with Professor Wheeler, four exercises a week, and during the remainder of the year two exercises a week ; Fyffe's History of Modern Europe.

History of England to 1485, through the first term, four exercises a week ; Bright's History of England, vol. i ; Stubbs' Constitutional History of England.

2. INTERNATIONAL LAW, through the second half of the second term of Senior year, with Professor Phelps, two exercises a week.

3. POLITICAL ECONOMY, through the second term of Senior year, with Professor Sumner, two exercises a week.

IV. MATHEMATICS AND ASTRONOMY :

1. MATHEMATICS, through Junior and Senior years, four exercises a week, with Professor Newton ; Calculus, followed by Analytical Mechanics or Higher Geometry.

2. ASTRONOMY, through the first term of Senior year, four exercises a week, with Professor Loomis ; Loomis's Practical Astronomy.

V. MOLECULAR AND TERRESTRIAL PHYSICS :

1. PHYSICS, with practical exercises, through the second term of Senior year, twice a week, with Professor A. W. Wright.

2. METEOROLOGY, through the second term of Senior year, with Professor Loomis, two exercises a week ; Loomis's Meteorology.

3. VECTOR ANALYSIS, with applications to Mechanics and Physics, through the first term of Senior year, four exercises a week, with Professor Gibbs.

4. THERMODYNAMICS, through the second term of Senior year, two exercises a week, with Professor Gibbs.

VI. NATURAL SCIENCE AND GEOLOGY :

1. GEOLOGY, through the second term of Senior year, with Professor J. D. Dana, two exercises a week ; Dana's Manual.

2. MINERALOGY AND MATHEMATICAL CRYSTALLOGRAPHY, through the first term of Senior year, with Professor E. S. Dana, four exercises a week ; Dana's Text Book.

3. BOTANY, through the second half of the second term of Junior year, with Professor Eaton, four exercises a week.

4. ZOOLOGY, through the second half of the second term of Junior year, four exercises a week, with Dr. J. K. Thacher.

VII. FINE ARTS :

Four exercises a week, through the second term of Senior year, under Professor Niemeyer, in Drawing, and Professor Hoppin, in the History of Art. The usual fees in the School of the Fine Arts (\$18 for three months are payable.

EXERCISES IN DECLAMATION AND COMPOSITION—The Senior Class have exercises in English composition, and the Junior Class in forensic disputation, through the year. The Sophomore Class during the whole year, and

the Freshman Class during the latter half of the second term, have exercises in English composition.

The Sophomore Class have regular exercises in elocution; and once a week, during a part of the year, have an exercise in declamation before the Professor of Rhetoric and the members of the Class.

PUBLIC EXAMINATIONS are held at the close of the first and at the middle of the second term, on the studies of the term and half-term; and, at the close of the year, on all the studies of the year. The annual examinations are conducted wholly in writing, and continue for about two weeks.

TERMS AND VACATIONS

THE PUBLIC COMMENCEMENT is held on the last Wednesday in June. The first term began, in 1883, twelve weeks from the day after Commencement-day and continues fourteen weeks; the second term begins in 1884 on the second Thursday in January and continues until Commencement-day, with a spring recess—of eight days—including Easter. See Calendar, p. 4.) The exercises of each term begin with prayers in the Chapel on Thursday morning.

[N. B. After the present year the first term will begin one week later, and the Christmas vacation will be shortened one week.]

LEAVE OF ABSENCE—No student is allowed to be absent without special leave, except in the vacations.

PUBLIC WORSHIP

PRAYERS are attended in the Battell Chapel every week-day morning, with reading in the Scriptures and singing, and all the students are required to be present.

PUBLIC WORSHIP is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of other denominations, to which their parents belong. Such permission can be obtained only on presenting to the President a written request therefor from the parent or guardian.

GYMNASIUM

THE GYMNASIUM is designed to provide all the students with opportunities for exercise. Those who use the bath-rooms pay a small fee for tickets.

EXPENSES

THE TREASURER'S BILLS are made out three times a year, viz: at the close of the first term, and at the middle and at the

close of the second term, at which times they are payable. The bills must be paid within two weeks after the beginning of the succeeding term or half-term, or the student is liable to be prohibited from reciting. Drafts on Boston, New York, and Philadelphia will be received at par.

The annual charge for tuition is \$115, and with incidentals, \$140.

For the rent and care of a half-room in the College buildings, the average charge is thirty-five dollars per year.

OTHER CHARGES—There are additional charges at graduation, amounting to eighteen dollars. If a student occupies a room alone, the charge for rent and care is ordinarily double that stated above.

ABSENCE ON LEAVE—A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays full tuition during such absence.

BOARD is obtained at prices varying from three and a half to seven dollars a week. The average price is under five dollars.

ROOMS—There are in the College buildings about two hundred rooms occupied by students, at prices varying (according to location) from \$25 to \$140 per year, not including vacations. Students living out of College are not allowed to room in any building in which a family does not reside, except by special permission of the Faculty.

FURNITURE, BOOKS, ETC.—Students provide for themselves furniture, fuel, lights, and text-books; if books and furniture are sold when the student has no further necessity for them, the expenses incurred by their use will not be great.

NECESSARY EXPENSES—The following may be considered a near estimate of the *necessary* annual expenses, for a student occupying a half-room in College, without including apparel, traveling, and board in vacations:

Treasurer's bill (according to location of room) from	\$160 to \$220
Board, 37 weeks, - - - - -	130 to 260
Fuel, lights, and washing, - - - - -	30 to 60
Use of text-books and furniture, - - - - -	30 to 60
Total, - - - - -	<hr/> \$350 <hr/> \$600

COLLEGE GUARDIAN—As a precaution against extravagance, parents at a distance sometimes deposit funds with one of the Faculty; who, in that case, attends to the pecuniary concerns

of the student, settles his bills, corresponds with the parent, and transmits an account of expenditures, for which services he charges a commission.

BENEFICIARY AID

The sum of \$15,000 and upwards, derived partly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid, especially of those preparing for the Christian ministry. No deserving student who will make good use of the opportunities of the College need be deterred from entering it by the cost of tuition. Those needing aid should apply to the President before November 1st in each College year. Assistance will be withdrawn from students who incur serious College censure, or who fail to maintain a reputable scholarship.

THE HARMER FOUNDATION OF SCHOLARSHIPS comprises six scholarships, each yielding one hundred dollars a year, to be given to deserving students of small means.

THE LUCIUS HOTCHKISS FUND, of ten thousand dollars, comprises four scholarships, the income of which is given to indigent and deserving students.

There are nineteen other Scholarships, most of them yielding sixty dollars a year, which may be given to such students as shall be selected by the founders or the Faculty.

By the liberality of Mr. W. L. Andrews, of New York city, a well furnished library has been established, containing textbooks and works of reference, to be loaned gratuitously to those students who have need to avoid the expense of purchasing such books. Permission to use this library can be obtained from the President.

FELLOWSHIPS AND SCHOLARSHIPS

THE DOUGLAS FELLOWSHIP, with an income of six hundred dollars a year, was founded in 1873, by Mrs. Samuel Miller, of New Haven, and named in memory of her brothers, Rev. Sutherland Douglas (Y. C. 1822) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of this department, pursuing non-professional studies in New Haven, is elected annually, but no person shall hold the fellowship for more than three years.

THE SOLDIERS' MEMORIAL FELLOWSHIP, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861-1865, and in especial remembrance of William Wheeler, of the class of 1855. The incumbent must be, at the time of his election, a graduate of this department, of not more than three years' standing. He shall pursue non-professional studies, and may hold the Fellowship for a period not exceeding five years.

THE SILLIMAN FELLOWSHIP, with an annual income of six hundred dollars, is awarded to a graduate of this department who has given evidence of proficiency and promise in some branch of physical science. The incumbent is elected annually, but no person shall hold the Fellowship for more than three years.

THE BERKELEY SCHOLARSHIP, yielding about fifty-five dollars a year, is awarded to the student in each Senior class who passes the best examination in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's Iliad, Cicero's Tusculan Questions, Tacitus (except the Annals), and Horace; provided he remain in New Haven as a graduate, one, two, or three years.

THE CLARK SCHOLARSHIP, being the income of a fund of two thousand dollars, is awarded in each Senior Class to the applicant who has passed the best annual examinations in the studies of the course; provided he remain in New Haven one or two years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

THE LARNED SCHOLARSHIP, yielding three hundred dollars a year, and tenable for three years, is awarded in each Senior Class. The incumbent must reside in New Haven, pursuing a course of advanced study under the direction of the Faculty.

THE BRISTED SCHOLARSHIP, yielding about one hundred and twenty dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior Class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

THE FOOTE SCHOLARSHIPS, yielding five hundred dollars a year, are awarded to graduates of this department, selected by

the Corporation, who remain in New Haven for one or more years pursuing studies in the graduate department of Philosophy and the Arts.

THE WOOLSEY SCHOLARSHIP, being the income of a fund of one thousand dollars, is awarded to the student in each Freshman Class, who passes the best examination in Latin Composition (excellence in which is essential to success), in the Greek of the year, and in the solution of algebraic problems. The successful candidate receives the annuity, under certain conditions, during the four years of his College course. The student who stands second at this examination receives for one year the income of the HURLBUT SCHOLARSHIP FUND of one thousand dollars; and the student who stands third, the income for one year of the THIRD FRESHMAN SCHOLARSHIP FUND, of the same amount.

THE W. W. DEFOREST SCHOLARSHIP, being the income of a fund of two thousand dollars, is awarded to a student in each Senior Class who has attained distinction in the study of French while in College, provided he pursue for the year after graduation a further course of study in the Romance languages under the direction of the Faculty.

PREMIUMS

THE DEFOREST PRIZE MEDAL, of the value of \$100, is awarded "to that scholar of the Senior Class who shall write and pronounce an English Oration in the best manner."

TOWNSEND PREMIUMS, five in number, of twelve dollars each, are awarded in the Senior Class for the best specimens of English Composition.

SENIOR MATHEMATICAL PRIZES (the first consisting of a gold medal of the value of ten dollars and of ten dollars in money, the second of ten dollars in money) are offered to the Senior Class for the best solutions of problems in both abstract and concrete mathematics.

COLLEGE PREMIUMS are offered to the Senior Class for the solution of problems in Practical Astronomy.

WINTHROP PRIZES (one of two hundred dollars and one of about one hundred dollars) are offered to the Junior Class "for the most thorough acquaintance with the Greek and Latin poets," as shown at an examination during the latter half of the second term.

COLLEGE PREMIUMS are given to the Sophomore Class for English Composition, and for declamation, and in the Sophomore and Freshman Classes for the solution of mathematical problems.

THE SCOTT PRIZE for excellence in German is offered to the Senior Class, and the SCOTT PRIZE for excellence in French to the Junior Class; these are of the value of thirty dollars each, and are given in books.

BERKELEY PREMIUMS for Latin Composition are offered to the Freshman Class near the end of the year.

THE JOHN A. PORTER PRIZE, of two hundred and fifty dollars, is offered at each Commencement for the best English Essay. Any person who has been studying for a degree in any department of the University during the whole of the current college year may compete for this prize.

DEGREES

The degree of BACHELOR OF ARTS is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Saturday before Commencement. For the degrees of Master of Arts and Doctor of Philosophy, see pages 51, 48.

SHEFFIELD SCIENTIFIC SCHOOL

THE SHEFFIELD SCIENTIFIC SCHOOL is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning.

The School, begun in 1847, and reorganized upon a more extensive scale in 1860, received in 1863, by the act of the Connecticut Legislature, the national grant for the promotion of scientific education under the Congressional enactment of July, 1862.

OFFICERS AND INSTRUCTORS—Upon the Governing Board, consisting of the professors permanently attached to the School, devolves its internal management and the greater part of the instruction. In addition to these and the instructors employed during the current year (mentioned on p. 39), instruction is given in Elementary and Free-hand Drawing by Professor Niemeyer, of the School of the Fine Arts.

The Board of State Visitors consists of the Governor, Lieutenant Governor, three Senior Senators, and the Secretary of the Board of Education.

The instruction is intended for two classes of students:—

I.—Graduates of this or other Colleges, and other persons qualified for advanced or special study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in part linguistic and literary, for higher scientific studies, or for other occupations to which such training is suited.

INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the School for more special professional training in the physical sciences and their applications, gaining in one, two, or three years the degree of BACHELOR OF PHILOSOPHY, or, in two additional years of Engineering study, that of CIVIL ENGINEER or that of DYNAMIC ENGINEER.

Or, engaging in studies of a less exclusively technical character, they may become candidates for the degree of DOCTOR OF PHILOSOPHY, under the conditions already stated (see p. 48). The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by instructors in other departments. The list of graduate studies pursued, either wholly in the Scientific School, or conjointly with other departments, will be found on pp. 49, 50.

SPECIAL STUDENTS—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to obtaining a degree, special or irregular students are received in most of the departments of the School; not, however, in the Select Course, nor in the Freshman Class. It should be distinctly understood that these opportunities are not offered to persons who are incompetent to go on with regular courses, but are designed to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

INSTRUCTION FOR UNDERGRADUATE STUDENTS

TERMS OF ADMISSION—Candidates must be not less than fifteen years of age, and must bring satisfactory testimonials of moral character from their former instructors or other responsible persons.

For admission to the Freshman Class the student must pass a thorough examination in the following subjects:

English—including grammar, spelling, and composition. In grammar, Whitney's Essentials of English Grammar, or an equivalent.

History of the United States.

Geography.

Latin—(1) Simple exercises in translating English into Latin. (Smith's "*Principia Latina*," Part I, is named as indicating the nature and extent of this requirement, and an acquaintance with it will be required unless a satisfactory substitute is offered). (2) Cæsar—six books of the Gallic War, or their equivalent. (As advantageous substitutes for the last three books of Cæsar may be suggested three books of Vergil's *Æneid*, or a similar amount of Ovid.)

Arithmetic—Fundamental Operations, Least Common Multiple, Greatest Common Divisor, Common and Decimal Fractions, Denominate Numbers, including the Metric System of Weights and Measures; Percentages, including Interest, Discount, and Commission; Proportion, Extraction of the Square and Cube Roots.

Algebra—Fundamental Operations, Fractions, Equations of the First Degree, with one or several unknown quantities ; Inequalities, Ratio and Proportion, Involution, including the Binomial Formula for an entire and positive Exponent ; Evolution, the Reduction of Radicals, Equations of the Second Degree, Progressions, Permutations and Combinations, the Method of Indeterminate Coefficients, Fundamental Properties of Logarithms, Compound Interest.

Geometry—Plane, Solid, and Spherical ; including fundamental notions of Symmetry, and examples of Loci and Maxima and Minima of Plane Figures.

Trigonometry—including the Analytical Theory of the Trigonometrical Functions, and the usual formulæ ; the Construction and Use of Trigonometrical Tables ; and the Solution of Plane Triangles ; so much, for example, as is contained in Newcomb's *Trigonometry* to Art. 79, or in Wheeler's or Richards's or Wentworth's *Plane Trigonometry*. The Logarithmic and Trigonometric Tables furnished at the Examination will be Newcomb's (Henry Holt & Co., New York, 1882).

While no entrance examination is held in the *History of England*, candidates for admission are urgently advised to make themselves as familiar as possible with that subject ; as a knowledge of it is essential to the most successful prosecution of some of the studies of the course.

Candidates will be allowed the option of passing on the above-named subjects in two successive years. In such cases they must present themselves for examination at the June examination of the first year in the following subjects or parts of subjects : *History of the United States, Geography, Arithmetic, Plane Geometry, and Algebra to Quadratic Equations.*

In order to have this preliminary examination counted, candidates must pass satisfactorily on *all* the subjects ; and notice of the intention to divide the examination must be given to Professor G. J. Brush, Director of the School, on or before June 15.

For preparation in Algebra, Geometry, and Trigonometry, the recently published text-books of Professor Newcomb (Henry Holt & Co., New York) may, without indicating undue preference, be especially recommended. And to the candidate who prepares in other works, they may serve to indicate the extent and kind of attainments expected in the prescribed topics. Candidates who prepare in the Geometry of this author, may for the present omit the short chapters on the Ellipse, Hyperbola, and Parabola ; though they will find it advantageous to study them.

In his preparation in GEOMETRY the candidate should, as far as practicable, have suitable exercises in proving simple theorems and solving simple problems for himself. It is important, too, that he should be accustomed to the numerical application of geometric principles, and especially to the prompt

recollection and use of the elementary formulæ of mensuration. In TRIGONOMETRY he should be exercised in applying the usual formulæ to a variety of simple reductions and transformations, including the solution of trigonometrical equations. Readiness and accuracy in trigonometrical calculations are also of prime importance to the candidate. If the use of logarithms is postponed in his preparation till Trigonometry is taken up (which is by no means necessary or advisable), he should then have abundant applications of them to all forms of calculation occurring in ordinary practice, as well as to those appearing in the solution of triangles. Finally, in all of his calculations, he should study the art of neat and orderly arrangement.

In LATIN the student should have such continued training in parsing as shall make him thoroughly familiar with declensions and conjugations, and with the leading principles of Syntax. To secure these results more effectually, the requirement has been adopted of simple exercises in translating English into Latin. As this course of exercises is designed solely as a preparation for reading, it should be begun at the earliest stage of Latin study. A very large proportion of the deficiencies in the Latin examination for several years past has been due to the neglect of the suggestions of this paragraph, and to the attempt to read a Latin author with totally inadequate grammatical preparation.

The examinations for admission in 1884 take place at North Sheffield Hall, on Thursday, Friday, and Saturday, June 26, 27, 28 (beginning at 9 A. M. on Thursday); and on Tuesday and Wednesday, September 16, 17 (beginning at 9 A. M. on Tuesday). Opportunities for private examinations may, in exceptional cases, be given at other times.

In 1884 examinations (for the Freshman Class only) will also be held in Andover, Mass., in Chicago, in Cincinnati, in St. Louis, and in San Francisco (beginning on Thursday, June 26, at 9 A. M.), at places to be announced in local newspapers of the day previous. Candidates who propose to be present are requested to send their names to Professor G. J. Brush, Director of the School, before June 15. A fee of five dollars will be charged for admission to the examinations outside of New Haven.

Candidates for advanced standing in the undergraduate classes are examined, in addition to the preparatory studies, in those already pursued by the class they wish to enter. No one can be admitted as a candidate for a degree, later than at the beginning of the Senior year.

COURSES OF INSTRUCTION, occupying three years, are arranged to suit the requirements of various classes of students. The first year's work is the same for all; for the last two years the instruction is chiefly arranged in special courses.

The special courses most distinctly marked out are the following:

- (a.) In Chemistry ;
- (b.) In Civil Engineering ;
- (c.) In Dynamical (or Mechanical) Engineering ;
- (d.) In Agriculture ;
- (e.) In Natural History ;
- (f.) In Biology preparatory to Medical Studies ;
- (g.) In studies preparatory to Mining and Metallurgy ;
- (h.) In select studies preparatory to other higher studies.

The arrangement of the studies is indicated in the annexed scheme.

FRESHMAN YEAR—INTRODUCTORY TO ALL THE COURSES:

FIRST TERM—*German*—Whitney's Grammar and Reader. *English*—Lounsbury's History of the English Language; Exercises in composition. *Mathematics*—Spherical Trigonometry (Newcomb's); Plane Analytical Geometry. *Physics*—Recitations, with experimental lectures. *Chemistry*—Recitations and Laboratory practice. *Elementary Drawing*—Practical Lessons in the Art School.

SECOND TERM—*Language, Physics, and Chemistry*—as stated above. *Mathematics*—Plane Analytical Geometry, continued. *Physical Geography*—Lectures. *Botany*—Gray's Lessons, with Lectures. *Drawing*—Isometric Drawing, with application to drawing from models and structures by measurement. Shading and tinting. Principles of orthographic projection. Reading of working drawings and isometric construction of objects from their orthographic projections. Sections.

For the Junior and Senior years the students select for themselves one of the following courses:

(a.) IN CHEMISTRY:

JUNIOR YEAR:

FIRST TERM—*Theoretical Chemistry*—Lectures and Recitations. *Qualitative Analysis*—Fresenius's. *Laboratory Practice*. *Blowpipe Analysis*. *German*. *French*.

SECOND TERM—*Theoretical Chemistry*—continued. *Laboratory Practice*—Quantitative Analysis, and experimental work in Organic Chemistry. *Mineralogy*—Blowpipe Analysis and determination of species. Lectures. *French*. *German*.

SENIOR YEAR:

FIRST TERM—*Organic Chemistry*—Lectures and Recitations. *Agricultural Chemistry*—Recitations (optional). *Laboratory Practice*—Volumetric and Mineral Analysis. *Geology*—Dana's. *Zoology*—Lectures. *French*.

SECOND TERM—*Organic Chemistry*—continued. *Laboratory Practice*—Analysis of Minerals and Technical Products. *Assaying* (optional). *Geology*—Dana's Manual. *Mineralogy* (optional). *French*.

(b.) IN CIVIL ENGINEERING.

JUNIOR YEAR :

FIRST TERM—*Mathematics*—Analytical Geometry of Three Dimensions ; Elements of the Theory of Functions ; Differential Calculus. *Surveying*—Field Operations. *Drawing*—Descriptive Geometry, begun. *German. French.*

SECOND TERM—*Mathematics*—Integral Calculus ; Rational Mechanics. *Drawing*—Descriptive Geometry, concluded ; Topographical. *Surveying*—Topographical. *German. French.*

SENIOR YEAR :

FIRST TERM—*Field Engineering*—Laying out Curves. Location of line of Railroad, with calculations of Excavation and Embankment. Hencks's Field Book for Railroad Engineers. Searles's Field Engineering. *Civil Engineering*—Resistance of Materials. Bridges and Roofs, begun. Stone Cutting, with Graphical Problems. *Geology*—Dana's. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *French.*

SECOND TERM—*Civil Engineering*—Bridges and Roofs. Building Materials. Stability of Arches and Walls. Mahan's Civil Engineering. *Dynamics*—Principles of Mechanism. Steam Engine. *Hydraulics*—Hydraulics and Hydraulic Motors. *Drawing*—Graphical Statics. *Astronomy*—Loomis's Astronomy with practical problems. *Mineralogy*—continued. *Geology*—Dynamic. *French.*

(c.) IN DYNAMIC ENGINEERING :

JUNIOR YEAR :

FIRST TERM—*Mathematics*—Analytical Geometry of Three Dimensions ; Elements of the Theory of Functions ; Differential Calculus. *Surveying*—Field Practice. *Drawing*—Descriptive Geometry, begun. *German. French.*

SECOND TERM—*Mathematics*—Integral Calculus ; Rational Mechanics. *Kinematics*—General Theory of Motion and Principles of Mechanism ; Elementary Combinations of Pure Mechanism ; Pulleys and Belts ; Gearing and forms of teeth for Wheels ; Parallel Motions. *Drawing*—Descriptive Geometry, concluded. *German. French.*

SENIOR YEAR :

FIRST TERM—*Statics*—Application of the Principles of Statics to Rigid Bodies ; Elasticity and Strength of Materials ; Forms of Uniform Strength ; Stability of Structures ; Construction of Roof Trusses, Girders, and Iron Bridges. *Machine Drawing*—Bolts and Nuts ; Riveting ; Journals, Axles, Shafts, Couplings, Pillow Blocks ; Shaft-hangers, Pulleys ; Connecting Rods and Cranks ; Cross-heads ; Pipe connections ; Valves ; Steam Cylinders, Stuffing Boxes, Glands, etc. Shop Visits. *Blowpipe Analysis. French.*

SECOND TERM—*Hydrostatics and Hydrodynamics*—Equilibrium and Pressure of fluids ; Hydrometers, Manometers, Gauges, etc. ; Water Pressure Engines and Water Wheels ; Construction of Water Reservoirs and Conduits ; Measurement of Water Supply ; Discharge of pipes. *Thermodynamics*—General principles of Heat employed as a source of power ; Theory of the

Steam Engine ; Hot Air Engines ; Gas Engines. *Machine Designing*—Proportioning of Machine Parts, continued. Designing of Hoisting Engines ; Shearing and Pumping Engines ; Complete working drawings for a high speed Steam Engine. Shop Visits and Reports. *Metallurgy*.

(d.) IN AGRICULTURE :

JUNIOR YEAR :

FIRST TERM—*Theoretical Chemistry*—Lectures and Recitations. *Qualitative Analysis*—Fresenius's. *Laboratory Practice*. *Blowpipe Analysis*. German. French.

SECOND TERM—*Theoretical Chemistry*—continued. *Laboratory Practice*—Quantitative Analysis. *Mineralogy*—Blowpipe Analysis and Determination of Species. *Physiology*—Huxley's. *Botany*. French. German.

SENIOR YEAR :

FIRST TERM—*Agriculture*—Cultivation of the Staple Crops of the Northern States. Tree Planting and Forestry. *Agricultural Chemistry*—Johnson's. *Organic Chemistry*—Lectures and Recitations. *Geology*—Dana's. *Botany*. *Zoology*. English. French.

SECOND TERM—*Agriculture*—Laws of Heredity and Principles of Breeding ; Lectures. *Geology*—Dana's. *Rural Economy*—Systems of Husbandry. *Agricultural Chemistry*—Johnson's. *Organic Chemistry*—continued. *Geology*—Dana's. *Zoology*. *Botany*. *Microscopy*. English. French.

(e.) IN NATURAL HISTORY :

(Either Geology, Mineralogy, Zoology, or Botany, may be made the principal study, some attention in each case being directed to the other three branches of Natural History.)

JUNIOR YEAR :

FIRST TERM—*Theoretical Chemistry*—Lectures and Recitations. *Qualitative Analysis*—Fresenius's ; *Laboratory Practice* ; Recitations. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *Botany*—Gray's Manual ; *Laboratory Practice*. German. French.

SECOND TERM—*Zoology*—*Laboratory Practice* ; Recitations ; Excursions (land and marine). *Botany*—*Laboratory Practice* ; Excursions. *Physiology*—Huxley's. *Mineralogy*—continued. *Physical Geography*. German. French.

SENIOR YEAR :

FIRST TERM—*Geology*—Dana's ; Excursions. *Zoology*—*Laboratory Practice* ; Lectures ; Recitations ; Excursions. *Botany*—Herbarium Studies ; Gray's Text-book ; Excursions. French.

SECOND TERM—*Geology*—Dana's. *Anatomy of Vertebrates*—Huxley's. *Zoology*—*Laboratory Practice* ; Recitations ; Lectures. *Botany*—Herbarium Studies, especially in the Cryptogamous Orders ; Botanical Literature ; Essays in Descriptive Botany. *Meteorology*. French.

Besides the regular courses of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught to prepare, arrange, and identify collections, to make dissections, to pursue original investigations, and to describe genera and species in the language of science. For these purposes, large collections in Zoology and Palæontology belonging to the College are available, as are also the private botanical collections of Professor Eaton.

(f.) IN BIOLOGY PREPARATORY TO MEDICAL STUDIES:

JUNIOR YEAR:

FIRST TERM—*Theoretical Chemistry*—Lectures and Recitations. *Qualitative Analysis*—Fresenius's; Laboratory Practice; Recitations. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *German. French.*

SECOND TERM—*Anatomy and Histology*—Laboratory Practice, Lectures and Recitations. *Physiology*—Huxley's; Practical Exercises. *Embryology*—Lectures. *Theoretical Chemistry*—continued. *Mineralogy*—continued. *Botany*—Lectures; Practical Exercises in Phenogamous Plants; Excursions. *German. French.*

SENIOR YEAR:

FIRST TERM—*Physiological Chemistry*—Recitations, Laboratory Practice and Lectures. *Organic Chemistry*—Lectures and Recitations. *Zoology*—Lectures. *Botany*—Practical Exercises. Lectures and Excursions. *Geology*—Dana's Manual. *French.*

SECOND TERM—*Physiological Chemistry*—continued. *Experimental Toxicology. Geology*—Dana's Manual. *Zoology*—Lectures. *Sanitary Science*—Lectures. *Laws of Heredity and Breeding*—Lectures. *French.*

(g.) IN STUDIES PREPARATORY TO MINING AND METALLURGY:

Young men desiring to become Mining Engineers can pursue the regular course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of metallurgical chemistry, mineralogy, etc.

(h.) IN THE SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES:

JUNIOR YEAR:

FIRST TERM—*Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *Physical Geography*—Guyot; Lectures. *English*—Early English. *History*—Bright's History of England. *French. German.*

SECOND TERM—*Mineralogy*—Lectures. *Astronomy. Botany*—Lectures; Excursions; Laboratory Practice. *English*—Chaucer, Bacon, Shakspeare. *History*—Bright's History, continued; History of the United States. *German. French.*

SENIOR YEAR:

FIRST TERM—*Geology*—Recitations and Excursions. *Zoology*—Lectures and Excursions. *Linguistics*—Whitney's Life and Growth of Language. *English*—Shakspeare. *Constitutional Law of the United States. French.*

SECOND TERM—*Geology*—continued. *Meteorology*—Lectures. *Sanitary Science*—Lectures. *Political Economy*—Recitations and Lectures. *English*—Shakspeare, Milton, Dryden, Pope, Gray, and later authors. *French*.

Exercises in English Composition are required during the entire course from all the students. The preparation of graduating theses is among the duties of the Senior Year.

Lectures on Military Science and Tactics are annually given by General Abbot, and other officers of the Engineer Corps of the United States Army.

THE TERMS AND VACATIONS correspond with those of the Academical Department. (See Calendar, p. 4).

EXPENSES—The charge for tuition for undergraduate students is \$150 per year, payable, \$55 at the beginning of the first and second terms, and \$40 at the middle of the second term. The student in the Chemical course has an additional charge of \$70 per annum for chemicals and use of apparatus. He also supplies himself at his own expense with gas, flasks, crucibles, etc., the cost of which should not exceed \$10 per term. A fee of \$5 is charged members of the Freshman Class for chemicals and materials used in their laboratory practice, and the same fee is required from all (except Chemical students) who take practical exercises in Blowpipe Analysis and Determinative Mineralogy. A fee of \$5 a term is also charged to students in the Zoological Laboratory, for materials and use of instruments. An additional charge of \$5 is annually made to each student for the use of the College Reading Room and Gymnasium.

For the graduate students the charge for tuition is one hundred dollars per year.

THE FEES for graduation of BACHELOR OF PHILOSOPHY, are \$10; unless the person taking the degree is also a graduate of the Academical Department, when the fee is but \$5.

DEGREES

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred on those who have completed one of the three-year courses, and have passed the examination at its close.

CIVIL AND DYNAMIC ENGINEER—See page 52.

DOCTOR OF PHILOSOPHY—See page 48.

SCHOOL OF THE FINE ARTS

THE COUNCIL of this Department consists of the following *ex-officio* members:—the President of the College, the President of the National Academy of Design, the President of the New York Museum of Art, and the Director of the School, who is also the Secretary; together with three members by election, Mr. DONALD G. MITCHELL, Mr. EDWARD E. SALISBURY, and Mr. JOHN D. WHEELER.

THE FACULTY, on whom devolves the internal management of the School, consists of the President of the College, and the Professors whose names and departments of instruction are as follows:—JOHN F. WEIR, Professor of Painting and Director of the School; JAMES M. HOPPIN, Professor of the History of Art; JOHN H. NIEMEYER, Professor of Drawing. Other instructors are, FREDERICK R. HONEY, in Geometry and Perspective; JOHN P. C. FOSTER, M.D., in Anatomy; HARRISON W. LINDSLEY, in Architecture.

The School has for its end the cultivation and promotion of the Arts of Design, viz: PAINTING, SCULPTURE, and ARCHITECTURE, through practice and criticism. The aim is—

1st. To provide thorough technical instruction in the Arts of Painting, Sculpture, and Architecture.

2d. To furnish an acquaintance with all branches of learning relating to the History, Theory, and Practice of Art.

The courses of instruction provided under these heads—or Practice and Criticism—may be regarded as distinct, or correlative, embracing that technical and theoretical knowledge of art which is no less desirable for the critic than for the artist.

THE COURSE OF INSTRUCTION, covering three years, is arranged as follows:

I. DEPARTMENT OF DRAWING AND PAINTING:

First Year:

DRAWING—from the flat, from the antique, from the living model.

PERSPECTIVE—projection drawing; linear perspective.

ANATOMY—the skeleton; articulations; muscular system.

LECTURES—the elements of form; principles and means of art.

Second Year :

DRAWING—technical practice ; studies from the living model.

PERSPECTIVE—shadows and reflections ; applications and examples.

ANATOMY—the anatomy of external forms ; proportions ; equipoise and motion.

PAINTING—technical discipline ; studies from casts and still-life.

LECTURES—on color, chiaroscuro, and composition.

Third Year :

PAINTING—technical practice ; studies from the living model.

COMPOSITION—studies in color and chiaroscuro ; design.

LECTURES—on the history, theory, and practice of art.

In the departments of Drawing and Painting, the practice of the studio is based upon the study of the human form.

The practice in drawing is supplemented by lectures on Form and Proportion, and that in painting by lectures on Color, Chiaroscuro, and Composition.

Drawing is continued, without interruption, through the first half of the course, or until the student evinces that proficiency which will warrant advancement. Painting is continued through the remainder of the course. Students will be encouraged to remain in the School and pursue advanced studies after the three years' course is completed.

In PERSPECTIVE, instruction is given in the form of lectures ; students will be required to work out the examples, or problems, and submit them for examination at the next meeting of the class. The subject has two divisions : the first is devoted to projection drawing and linear perspective ; the second to shadows and reflections, with applications and problems. At the close of the course an examination is held, and the standing of the student determined.

In ANATOMY, instruction is likewise given in the form of lectures. This subject has also two divisions : the first is devoted to the bones and articulations of the skeleton, and the muscular system ; the second to the anatomy of external forms, proportions, equipoise, and motion. Students are required to draw, in detail, the parts under discussion by the lecturer, and submit the same, for examination, at the next meeting of the class. At the close of the course the relative standing of the pupils is determined by examination.

AN ART OPTIONAL, for undergraduate Academical students of the Senior Class, is continued from January 1 to June 1, consisting of four exercises of two and a half hours each, per week, in Drawing, with a weekly lecture on the History of Art.

II. DEPARTMENT OF SCULPTURE:

First Division :

MODELING—from casts of heads, and fragments of antique statues.

ANATOMY—skeleton ; articulations ; muscular system.

LECTURES—on form ; principles of proportion.

Second Division :

MODELING—from the living model.

ANATOMY—external forms ; equipoise and motion.

LECTURES—history of Greek Sculpture and Christian Art.

II. DEPARTMENT OF ARCHITECTURE:

First Division :

DRAWING—from the flat, from casts of Architectural ornaments, India-ink and water-color drawing.

MATHEMATICS*—plane descriptive geometry ; isometric projection ; linear perspective.

ARCHITECTURE—the five orders ; studies of classical details ; projects—doors, windows, porticos, etc.

Second Division :

DRAWING—casts of architectural ornament ; water colors.

MATHEMATICS—descriptive geometry, including warped surfaces and stone-cutting ; resistance of materials.

ARCHITECTURE—history of architecture ; the various styles ; studies of details in various styles ; projects—dwelling-houses, stores, public buildings, etc.

* Students having the requisite knowledge of mathematical subjects may omit them, but will be required to pass examinations in the subjects specified above.

PROJECTS will be given out once a month (or once in two months), and the finished drawings will be placed on exhibition for comparison at the end of the year. Examinations will be held, and, at the close of the course, a programme will be given for a final project and thesis.

COURSES OF LECTURES are provided in each department of instruction, in addition to the technical discipline. These lectures, on the History and Philosophy of Art, and kindred subjects, are illustrated with photographs, thrown upon a screen by the calcium light. The attendance of the students on all the lectures, with the exception of public lectures, is obligatory.

AN EXHIBITION of the work of students is opened June 1st, and continues through the summer vacation.

PRIZES may be competed for, both in Drawing and Painting, at the close of the course; the necessary qualification includes, in drawing, an approved knowledge of perspective; and in painting, a requisite acquaintance with anatomy—as provided for by the instruction given in these branches.

DIPLOMAS are only awarded those who remain through the full course, or pass the requisite examinations.

THE CHARGE FOR TUITION is thirty-six dollars for three months, *in advance*; and no student will be admitted for a shorter period. Undergraduate students, in any department of the College, are charged one-half the usual rate of tuition. Art students are admitted *free* to all the lectures delivered in the school, whether public lectures or those in regular course; to the collections at all times; and are entitled to such privileges, under the usual restrictions, as are granted to students in the other departments of the College.

The School is open to both sexes, but no student will be admitted under fifteen years of age.

The ART LIBRARY is open at specified hours for the use of students.

The COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty paintings, dating from the 11th to the 17th centuries: the "Trumbull Gallery" of original portraits and other works, by John Trumbull,

numbering fifty-four pictures; a collection of portraits and works of contemporaneous art, numbering about one hundred pictures; together with about one hundred and fifty casts and marbles, the former from many of the best productions of ancient art. The collections are open daily for the use of students, and to the public, during the winter, from 1 to 5 P. M.; and during the summer, from 9 A. M. to 6 P. M. The proceeds of the exhibitions are applied to the incidental expenses of the School.

"Students' Season Tickets," at fifty cents each, admitting the holders to the Exhibitions throughout the year, are furnished to students of all other departments of the College.

This department is open to all who desire to avail themselves of its instructions, without restriction, save as to age and general good character. It aims to embrace a wide field of usefulness in connection with the knowledge and promotion of art, and to offer every facility to the student, both in the way of criticism and technical discipline.

The term begins October 1st and ends on the 31st of May.

All applications for admission to the School should be made through the Director. It is particularly desirable that these applications be made before October 1st.

DEPARTMENT OF THEOLOGY

THE FACULTY consists of the President of the College, a Professor of Hebrew Literature and Biblical Theology, a Professor of Systematic Theology, a Professor of Homiletics and the Pastoral Charge, a Professor of Ecclesiastical History, and a Professor of Sacred Literature.

THE CONDITIONS OF ADMISSION are membership in some evangelical church, or other satisfactory evidence of Christian character, and a liberal education at some College, or, in exceptional cases, an equivalent preparation for theological studies. Students of every Christian denomination, in case they are possessed of these qualifications, are admitted.

It is expected that every student will be promptly on the ground at the beginning of the session. Rooms are assigned in the order of application, but no room will be reserved for any applicant who neglects to appear, beyond one week after the opening of the term.

THE REGULAR COURSE OF INSTRUCTION occupies three years, and is arranged in the following order :

JUNIOR YEAR :

Professor DAY will lecture on the Encyclopedia and Literature of Theology, and give instruction in Hebrew Grammar and Philology. Portions of the historical books of the Old Testament in the original will be carefully read and analyzed, and critical and exegetical dissertations presented by the class on points of special difficulty or importance.

Professor DWIGHT will give instruction in the exegetical study of the Greek New Testament. The course includes, in addition to the regular exegetical exercises, the critical investigation of the Greek text and the study of the subjects connected with the Introduction to the New Testament. Dissertations of a critical and exegetical character will, also, be prepared by the students and discussed in the presence of the class.

Professor HARRIS will lecture on the Philosophical Basis of Theism ; also on Natural Theology, the Evidences of Christianity, and the Inspiration of the Scriptures ; also, as incidental to these topics, on the various forms of Skepticism.

MIDDLE YEAR :

Professor HARRIS will lecture on Systematic Theology. This course will include a full and systematic investigation of the doctrines of Christianity,

and of existing questions and controversies in respect to them. The lectures are accompanied by examinations and free discussions.

Professor FISHER will lecture on General Church History, including the following topics: an historical survey of the Old or Preparatory Dispensation in its relation to Christianity; the establishment and spread of Christianity (including Missions and persecutions); Ecclesiastical Polity (including the rise and rule of the Papacy, and the Reformation); and the History of Christian Life and Worship.

Professor DAY will give instruction in Biblical Theology, with special reference to the progressive stages of Divine revelation, and the doctrinal results of the modern critical study of the Bible. He will also lecture on portions of the Hebrew Scriptures, especially the poetical and prophetical books, and will give instruction in Chaldee to such members of the class as may desire it.

Professor HARRIS will lecture on Church Polity.

Professor DWIGHT will continue to give instruction by lectures and recitations, in the exegetical study of the New Testament, especially the Pauline Epistles.

SENIOR YEAR:

Professor BARBOUR will lecture on Sacred Rhetoric and Homiletics, and also on Pastoral Theology, including the office, qualifications, pastoral duties, and special work of the ministry; he will also take charge of the practical exercises in Preaching, and in the criticism of the style and delivery of sermons.

Professor FISHER will lecture upon the history of Christian Doctrine and on Symbolical Theology, and students will be aided in pursuing historical investigation for themselves.

Professor DWIGHT will lecture on some topics of special interest connected with the different books of the New Testament.

Professor DAY will lecture on portions of the Old Testament, and will read, with those who wish to prosecute the study of Syriac, the Peshito version of the New Testament.

GRADUATE CLASS—FOURTH YEAR:

Into this class, which was established in 1879, only those who have completed a three years' course in this or some other Theological School, can be admitted. It is designed to meet the wants of those who desire to pursue an advanced course of general theological study, or to apply themselves to special subjects of reading or investigation in any of the departments of theology, for one year or more, under the advice and direction of the Professors and with the helps furnished by the Seminary and College libraries.

For the present year, the following are the subjects, selected after conference between them and the Professors, to which the whole class or portions of it attend. Individual members of the class pursue other branches of theological study by private arrangement with the Professors.

I. PRESIDENT PORTER: Social Topics in Philosophy and Philosophical Theology.

II. PROFESSOR DAY: Reading of Dillmann's "Commentary on Leviticus," in connection with current discussions.

III. PROFESSOR HARRIS: Examination of Dorner's "System of Christian Doctrine."

IV. PROFESSOR FISHER: The Theology and Church of the Apostolic Age.

V. PROFESSOR DWIGHT: The Origin of the Synoptical Gospels: Discussion of New Testament passages bearing upon Eschatology.

VI. PROFESSOR BARBOUR: Examination of Sermons on which criticism or suggestions may be desired.

Optional Studies in either Year:

Professor DAY will read, free of charge, with those students who desire to become familiar with the theological literature of Germany and have made sufficient progress in the language, some standard work in German on Christian doctrine, with critical remarks, and reference to the ablest works on special topics. The grammatical study of the language may be pursued with the classes in the Sheffield Scientific School.

Professor WHITNEY will give instruction to those who desire it in Sanskrit.

The following courses of lectures in the Academical Department may be attended, free of charge, provided that they do not interfere with the regular studies of the Seminary: on *Intellectual and Moral Philosophy*, by President PORTER and Professor LADD; on *Evolution and Cosmogony*, by Professor DANA; on *History*, by Professor WHEELER; on *Political and Social Science*, by Professor SUMNER. Students may also be admitted to the various courses of lectures in the Sheffield Scientific School. These opportunities for obtaining wider culture, without additional expense, will be of special value to graduates of colleges and others, who desire the means of pursuing studies to which they have not attended, or in which they seek further information.

Those who intend to become Foreign Missionaries have the privilege of attending gratuitously the lectures in the Medical Department.

EXERCISES IN PUBLIC SPEAKING—There will be an exercise for all the classes, in the presence of the Faculty, once in two weeks, in the reading of the Scriptures and hymns, and in the delivery of sermons, or parts of sermons or addresses. Every alternate week there will be a conference, designed to cultivate the power of *extemporaneous speaking*, in which the students will be called on to present their views on some subject selected by the Faculty. Weekly debates are also held by the students, in societies of their own.

ELOCUTION:

A thorough course of instruction in Elocution will be given to the students, which will be progressive in its character and will extend through the three years of study for each class.

To the Junior Class a full course of lectures will be given on the principles of logical and emotional analysis and expression, and on oratorical action

and vocal culture. This will be followed by individual practice in speaking and reading.

In the Middle year will be added extended and frequent special practice in Scripture and Hymn reading and the reading and delivery of sermons.

To the Senior Class the instruction will be given mainly in private lessons and will be designed to meet, so far as may be possible, the special needs of each individual in his preparation for the duties of the preacher's office.

LICENSE TO PREACH—The regular time for applying for a license is at the close of the second year's study, before which time members of the Divinity School are not allowed to preach.

PUBLIC WORSHIP—Prayers are attended every morning in the MARQUAND Chapel, with reading of the Scriptures and singing. It is optional with the student whether to attend the College Church, or one of the City Churches; but whatever may be his decision, it is hoped that he will actively engage, so far may not be inconsistent with the prosecution of his studies, in some form of City Mission, Sabbath School, or other benevolent labor, for which constant opportunities are offered.

LIBRARIES—The *Reference Library* of the School, established through the liberality of Mr. Henry Trowbridge of New Haven, and containing a careful selection of nearly three thousand volumes in various languages, is placed in the Bacon Memorial Hall recently erected, between the Marquand Chapel and the West Divinity Hall. It is designed to furnish the students with the standard and most recent books in every branch of theological literature and those most frequently called for in the pursuit of their studies. It is open several hours daily, for consultation, and thus takes the place, for each student, of a well selected private library.

The valuable *Library of Church Music*, belonging to the late Dr. Lowell Mason, has been recently given to the Department by his family. This Library, which is placed in the West Divinity Hall, and is one of the largest of the kind in the country, will be open for the use of students.

The *College Library*, to which the students have access without charge, contains over 115,000 volumes, and is open five hours on every secular day for consultation and for the drawing of books.

The Library of the College literary societies, containing about 26,000 volumes in general literature, is accessible to theological students.

PHYSICAL EXERCISE—The College Gymnasium is open to the students of this department at a small charge. The harbor of New Haven affords excellent facilities for boating, to those inclined in this mode of exercise.

THE ROOMS in the two DIVINITY HALLS are provided with carpets, beds, and every necessary article of furniture (except bedding). They are assigned to new students in the order of application. A few rooms have two bedrooms, attached to them, but, in general, provision is made for each student to room alone. The buildings are warmed throughout by steam, and lighted by gas.

EXPENSES AND PECUNIARY AID—Students have only to make pecuniary provision for about eight months of study annually. In the remaining four months of vacation, from May to September, they are at liberty to engage in Home Missionary or other labor, with remuneration for their services.

The expenses for the annual session are \$3.00 to \$3.50 a week for board; \$25 to \$30 for fuel and lights; and \$10 a year for care of room and other incidental expenses. There is no charge for instruction, room rent, or use of Libraries.

Students in the Junior, Middle and Senior Classes, whose circumstances require it, will receive \$100 a year from the income of scholarships and other funds belonging to the Department. Additional aid, the amount of which has generally been from \$75 to \$100 annually, is afforded by the American College and Education Society to its beneficiaries. In special cases additional aid toward the expense of board will be given. These means of assistance fully cover the expenses mentioned above.

Members of the Graduate Class will be furnished with rooms free of rent, and no charge will be made for instruction or the use of Libraries.

The Scholarships belonging to the Department bear respectively the names of James Hillhouse, William Leffingwell, George E. Dunham, Normand Smith, E. E. Salisbury, Thomas R. Trowbridge, Charles Atwater, Richard Borden, Samuel Holmes, Charles Nichols, Noah Porter, John DeForest, J. B. Beadle, David Root, Rebecca Breed, Mary Goodman, Orin Fowler, Edward Bull, W. W. Seymour, William S. Eakin, and Cassius Welles.

A GRADUATE FELLOWSHIP has been established in this Department, as a memorial of the late Mrs. Aurelia D. Hooker,

of New Haven. It will be offered for the fifth time to the class entering in September, 1884, and will be assigned at graduation to that member of the class who shall be judged by the Faculty to have made such proficiency in his theological studies as best to qualify him for the advantages afforded by this foundation for the further prosecution of the same. The person to whom the scholarship is given receives the annual income (\$700) for two years after graduation, and is expected to pursue a course of theological study under the direction of the Faculty, either as a resident at the Seminary, or in case he may prefer to do so, in Europe and Palestine.

After the close of the second year in May, students have frequent opportunities to receive remuneration for preaching in neighboring churches.

In general it may be said, that sufficient aid will be provided for every young man who gives promise of usefulness in the ministry, to enable him, in connection with his own efforts, to complete a course of theological study.

COMMENCEMENT OF THE TERM, VACATION, ETC.—The session for 1883-84 began on Thursday, September 13, and will continue till the third Thursday in May, when the public anniversary is held. The annual examination of the classes, and the meeting of the Alumni are held in the same week. The next annual term will begin on Thursday, September 19, 1884.

By thus throwing all the vacations into one, the most favorable season of the year is secured for study, while the opportunity is given, in the four months' vacation, to engage in some form of benevolent labor, in connection with the mission efforts of the churches, or in the service of one of the benevolent societies, by which the practical experience required of the pastor, as well as pecuniary compensation, may be obtained. Should any students prefer to spend the vacation in theological reading, the Professors will counsel them in the choice of books.

THE DEGREE of Bachelor of Divinity is conferred on all members of the Department who at the end of the Senior year pass the prescribed examination, and present an approved thesis on some topic in theology.

Blank forms of application for admission to the school may be obtained of the Secretary, Professor George E. Day, New Haven, Conn., or from any of the other professors.

DEPARTMENT OF MEDICINE

THE FACULTY consists of the President of the College, a Professor of Chemistry, a Professor of Anatomy, a Professor of Physiology, a Professor of Materia Medica and Therapeutics, a Professor of Pathology, a Professor of the Principles and Practice of Medicine, a Professor of Surgery, a Professor of Obstetrics and the Diseases of Women and Children, a Demonstrator of Anatomy, a Lecturer on Normal Histology, a Lecturer on Chemistry, a Lecturer on Dermatology, a Lecturer on Diseases of the Throat, a Lecturer on Diseases of the Nervous System, a Lecturer on Insanity, and a Lecturer on Ophthalmology.

The system of instruction is arranged in a graded course, extending over three full years.

The College year extends from the first Thursday in October to Commencement, with a vacation of three weeks at Christmas, and a recess in the spring, usually of one week.

The first term begins with the first Thursday of October, and continues for eleven weeks. The second term begins three weeks after the close of the first, and continues for twelve weeks. The third term is eleven weeks in length, ending at Commencement.

Throughout the year instruction is given by lectures, and recitations, combined with practical work in the Anatomical, Chemical, Physiological, Pathological, and Histological Laboratories.

TERMS OF ADMISSION

All candidates for admission, excepting those who have passed an examination for admission to the undergraduate Academical Department of Yale College or some similar institution, must present a degree in Letters or Science from a recognized college or scientific school, or pass an examination in the following subjects :

I. MATHEMATICS: Algebra to Quadratics; Euclid, two books; Metric System of Weights and Measures.

2. PHYSICS: Balfour Stewart's Elementary Physics, or some equivalent work.

These examinations will be conducted in writing. Grammar, spelling, and construction will be considered in judging of the papers. Copies of the questions of previous examinations will be furnished on application to the Dean.

These examinations will be held at the Medical College at 9 A. M., on the Wednesday preceding the opening of the College year, and on the Thursday following its close.

In conjunction with other departments of the University, examinations will be held on the Thursday after Commencement in Chicago, Cincinnati, St. Louis, and San Francisco. Particulars of the time and place will be announced in the local papers. A fee of five dollars will be charged for admission to these examinations.

Students applying for admission who are not fully prepared in all the above mentioned studies, will be admitted on condition that the deficiency be made up within a reasonable time.

Students who have studied elsewhere, either in any recognized Medical School, or under private preceptors of good standing, may present themselves for examination three weeks before Commencement, and enter the examinations of the first one or two years as they see fit. The results of these examinations will determine the class to which they belong.

Applicants for advanced standing who present themselves at other times of the year, will be assigned by the Dean to such class as they may from their representations seem to be fitted for; but at the next annual examination, they will be examined as if appearing then for the first time.

COURSE OF INSTRUCTION

JUNIOR YEAR:

General Chemistry: Lectures and recitations four times a week. Professor Silliman and Dr. Smith. Chemical Laboratory, four times a week. Professor Silliman and Dr. Smith.

Anatomy: Lectures and recitations five times a week, Professor Sanford and Dr. C. P. Lindsley. Dissections four times a week from Nov. 1 to April 1, Dr. C. P. Lindsley. Autopsies, Prof. White.

Histology: Laboratory work once a week, Dr. Prudden.

Physiology: Recitations, twice a week, Professor Thacher.

MIDDLE YEAR :

Anatomy : Lectures and recitations, five times a week, Prof. Sanford and Dr. C. P. Lindsley. Dissections, four times a week from Nov. 1 to April 1, Dr. C. P. Lindsley.

Materia Medica and Therapeutics : Lectures and recitations, three times a week, Prof. Russell.

Physiology : Lectures and recitations, twice a week, Prof. Thacher.

Pathology : Lectures and recitations, once a week, Prof. White. Laboratory work, once a week, Prof. White. Autopsies, Prof. White.

Medicine : Lectures on General Medicine, three times a week, Prof. C. A. Lindsley. Medical Clinic, once a week, Prof. C. A. Lindsley. Clinic for Diseases of the Throat, once a week, Dr. Chapman.

Surgery : Lectures on General Surgery, three times a week, Prof. Carmalt. Surgical Clinic, once a week, Prof. Carmalt.

Obstetrics and Diseases of Children : Lectures and recitations twice a week, Prof. Beckwith. Clinic for Diseases of Women once a week, Prof. Beckwith.

Dispensary Clinics, daily. Hospital Clinics, weekly. Operations at the Hospital.

SENIOR YEAR :

Pathology : Lectures and recitations, once a week, Prof. White. Laboratory work, once a week, Prof. White. Autopsies, Prof. White.

Medicine : Lectures on General Medicine, three times a week, Prof. Lindsley. Medical Clinic, once a week, Prof. Lindsley. Clinic for Diseases of the Throat, once a week, Dr. Chapman. Lectures on Diseases of the Nervous System, once a week, Dr. Ayres. Lectures on Insanity, once a week, for nine weeks, Dr. Stearns. Lectures on Dermatology, once a week, Dr. Fleischner.

Surgery : Lectures on General Surgery, three times a week, Prof. Carmalt. Surgical Clinic, once a week, Prof. Carmalt. Lectures on Ophthalmology, once a week, Dr. St. John.

Obstetrics and Diseases of Children : Lectures and recitations twice a week, Prof. Beckwith. Clinic for Diseases of Women, once a week, Prof. Beckwith.

Dispensary Clinics, daily. Hospital Clinics, weekly. Operations at the Hospital.

CHEMISTRY—The instruction in Chemistry will be by lectures and recitations, and by laboratory work. The lectures will be fully illustrated by experiments. Medical Chemistry, Toxicology, and Qualitative Analysis will be taught at the desk and by recitations, with occasional didactic lectures.

Students of the third year and special students prepared to undertake original researches in Chemistry, are encouraged to do so, and are supplied with the means for investigation.

ANATOMY will be taught by recitations and lectures fully illustrated, and by practical work.

The spacious and well-appointed dissecting rooms, under the personal direction of the Demonstrator, are supplied with anatomical material, and are open to students of all classes from November until April.

PRACTICAL NORMAL HISTOLOGY is taught in the laboratory by Dr. T. MITCHELL PRUDDEN. Each student is furnished with a microscope and the requisite accessories, and is taught how to prepare and study the tissues and organs, of which he makes sketches and a typical collection of his own for future reference.

PATHOLOGY is taught by lectures and recitations, and by practical work with the microscope in Pathological Histology. In this course students are taught to prepare and preserve microscopic specimens of morbid tissues.

Pathological Anatomy is illustrated by a large collection of specimens and drawings, with which the Museum is supplied, supplemented by fresh pathological specimens. Students are also expected to attend all the *Autopsies* made at the *Morgue of the State Hospital*. This large and convenient Morgue was constructed with special reference to rendering autopsies available for the instruction of students.

PHYSIOLOGY will be taught in lectures and colloquial recitations freely illustrated by experiments. Able and industrious students, who wish to pursue the subject more extensively and thoroughly, will be received into the physiological laboratory.

MATERIA MEDICA AND THERAPEUTICS—Recitations from textbooks are the chief means of instruction in Materia Medica. But the botany, physical character of drugs, and chemical constitution, receive much less attention than their physiological actions and therapeutic uses. The lectures are devoted more particularly to the elucidation of the latter subjects.

PRACTICE OF MEDICINE—Three didactic lectures each week and one clinical lecture are given. At each clinical lecture the students in turn examine each patient before the class and the professor of the department, presenting his diagnostic points for criticism.

Special courses are conducted by Dr. Fleischner on skin diseases, Dr. Ayres on Nervous Diseases, and Dr. Chapman on Diseases of the Throat.

SURGERY—The instruction in *Surgery* consists of three didactic lectures and one clinic weekly. Care is taken to individualize the instruction to the requirements of each student, and to familiarize all with the actual appearances of diseases as shown in the wards of the General Hospital, as also with the most modern methods of examination and diagnosis. A surgical clinic is held once a week at the State Hospital.

The Senior Class are afforded opportunities for practical operations in Surgery upon the cadaver.

Dr. St. John lectures once a week on Ophthalmology.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN are taught by lectures and recitations, with demonstrations of the operations in midwifery. The Senior Class receive clinical instruction in obstetrics at the bedside.

MENTAL DISEASE—A course of lectures on this subject is given by HENRY P. STEARNS, M.D., Superintendent of the Hartford Retreat for the Insane.

MEDICAL JURISPRUDENCE—Several of the professors give lectures on Medical Jurisprudence as it is related to their respective departments of instruction.

THE STATE HOSPITAL, containing over a hundred beds, constantly affords ample material for the illustration of disease, and furnishes frequent opportunities for the performance of the minor and capital surgical operations.

CLINICS

A CLINIC FOR DISEASES OF THE THROAT is held at the College at 3 P. M. every Monday; a SURGICAL CLINIC at 3 P. M. every Tuesday, and a MEDICAL CLINIC at 3 P. M. every Friday; a GYNÆCOLOGICAL CLINIC is held at the State Hospital at 3 P. M. every Thursday.

MEDICAL AND SURGICAL CLINICS are also held at the State Hospital, and the students are invited to see the patients in the wards. Surgical operations are conducted, when practicable in the amphitheatre, where students have opportunity to witness important operations.

THE NEW HAVEN DISPENSARY, located on the College grounds, is visited by several thousand patients annually. Three of the attending physicians are present daily, giving attention to diseases in their own specialties. Students in the

Middle and Senior classes receive free tickets to the Dispensary and are instructed in the diagnosis and treatment of special diseases.

REQUIREMENTS FOR A DEGREE

Every candidate must be twenty-one years of age, and of good moral character; and must have pursued the studies of the course during three years, at least two of which shall have been passed in a recognized medical college, and the last of the three shall have been passed at this school. He shall also have passed the required examinations in all the studies of the three years' course.

EXAMINATIONS

Examinations are held at the close of each year on the studies of that year. The examinations at the end of the first year are upon Chemistry, Histology, and Elementary Physiology.

Those at the end of the second year are upon advanced Physiology, Anatomy, Materia Medica and Therapeutics.

Those at the end of the third year are upon Pathology, Surgery, Medicine, and Obstetrics.

Before taking his degree a student must have passed all the examinations of the three years satisfactorily to the board of examiners.*

FEES AND EXPENSES

Matriculation Fee (paid upon entering the school),	. . .	\$5.00
Tuition Fee, for one year,	125.00
Graduation Fee,	30.00

Of the tuition fee for the year, \$45 is due at the beginning of the first term, \$45 at the beginning of the second term, and \$35 at the beginning of the third term. Students who have attended and paid for two full years will be entitled to attend the third year at three-fifths the above rates. Fees are to be paid to the College Treasurer except the graduation fee, which is paid to the Dean.

* The Board of Examiners consists of the Faculty, and an equal number of the members of the Connecticut Medical Society appointed by the President and Fellows of the same.

There are no extra expenses of any kind, except the actual cost of breakage in the Chemical Laboratory, to be paid to the Professor of Chemistry, and \$5 a part for anatomical material, to be paid to the Demonstrator.

BOND—Students who do not pay in advance are required to give a bond to the Treasurer of the College for three hundred dollars, executed by a satisfactory bondsman; a blank for this bond will be furnished on application to the Treasurer. Those who deposit such bond will receive term bills, with interest added, shortly before the end of each term, to be paid on or before the beginning of the next succeeding term, and students who deposit bonds must pay all arrearages before they can receive back their bonds from the Treasurer. No degree can be conferred until all term bills are discharged.

For further information, address Professor C. A. LINDSLEY, Dean.

PRIZE

THE KEESE PRIZE—The income of "The Keese Prize Fund," amounting to about \$120 annually, is awarded by the Faculty to that member of the graduating class who presents the best thesis. If among the theses offered, none are of sufficient merit, the prize may be withheld for that year. The theses must be presented to the Dean on the second Saturday before Commencement.

DEPARTMENT OF LAW

THE FACULTY consists of the President of the College, a Professor of Mercantile Law and Evidence, a Professor of Elementary and Criminal Law and the Law of Real Property, a Professor of Constitutional Law, Contracts, and Wills, a Professor of the Law of Torts and Equity Jurisprudence, a Professor of Pleading, and a Professor of International Law; Lectures are also delivered by Professor PHELPS on Evidence, by Professor WAYLAND on English Constitutional Law and History, Professor ROBINSON on Forensic Oratory, the Origin of Law, and the Administration of Estates, MARK BAILEY, M.A., on Forensic Elocution, Professor BALDWIN on Roman Law, Professor PLATT on General Jurisprudence, FREDERICK H. BETTS, M.A., on Patent Law, and by MORRIS W. SEYMOUR, LL.B., on Corporations.

TERMS AND VACATIONS—There are three terms in each year: the Fall term, beginning on the last Thursday of September and continuing to the Thursday before Christmas; the Winter term, beginning in January, after a vacation of three weeks, and closing the last Thursday of March; and the Spring term, beginning on the second Thursday of April and continuing until Commencement. (See Calendar, p. 4.)

COURSE OF INSTRUCTION

UNDERGRADUATE COURSE

The Undergraduate Course occupies two years, the students being divided into two classes, for each of which a special course of study is provided. The daily exercises consist of lectures and recitations from standard text-books, the latter being accompanied by oral explanations. The students are frequently referred to the leading cases on the subject under consideration, and are required to be prepared for questions upon them at the next exercise; they are also encouraged to put questions freely to the instructor at all recitations. Moot Courts are regularly held, at which one of the professors acts

as judge; the students acting as counsel, in the argument of cases, are required to draw the necessary pleadings, according to the common law or equity forms, as the case may be.

Members of either Class can attend the lectures of Professors to undergraduates in other Departments of the College, whenever it is compatible with their other engagements; and, with a few exceptions only, without charge. They can also attend one or more of the special courses of graduate instruction in the Department of Philosophy and the Arts, or the lectures on Medical Jurisprudence, Anatomy, Insanity, etc., in the Department of Medicine, on payment of a moderate fee.

The regular course of study is as follows:

JUNIOR YEAR:

FALL TERM—Recitations: Elementary Law and Criminal Law, Professor Robinson; Contracts, Professor Baldwin; General Jurisprudence, Prof. Platt; Pleading, Prof. Townsend; International Law, Prof. Woolsey. Lectures: Nature and History of American Law, and Wills, Prof. Baldwin.

WINTER TERM—Recitations: Elementary Law and Criminal Law, Prof. Robinson; Contracts, Profs. Baldwin and Townsend; Evidence, Prof. Wayland; Torts, Prof. Platt. Lectures: Wills, Prof. Baldwin; Code Pleading, Prof. Townsend.

SPRING TERM—Recitations: Corporations, Prof. Baldwin; Contracts, Professors Baldwin and Townsend; Torts, Prof. Platt; Evidence, Prof. Wayland; Real Property, Prof. Robinson. Lectures: English Constitutional Law, Prof. Wayland; Forensic Elocution, Mr. Bailey.

SENIOR YEAR:

FALL TERM—Recitations: Real Property and Criminal Procedure, Prof. Robinson; Equity, Prof. Platt; Contracts, Professors Baldwin and Townsend. Lectures: International Law, Prof. Woolsey; American Constitutional Law, Prof. Baldwin.

WINTER TERM—Recitations: Corporations, Prof. Baldwin; Estates and Real Property, Prof. Robinson; Equity, Prof. Platt. Lectures: Evidence, Prof. Phelps; American Constitutional Law, Prof. Baldwin; Corporations, Mr. Seymour.

SPRING TERM—Recitations: Real Property, and Estates, Prof. Robinson; Equity, Prof. Platt; Contracts, Prof. Townsend. Lectures: Evidence, Prof. Phelps; Roman Law, and Practice, Prof. Baldwin; Patents, Mr. Betts.

Any one or more of these studies may be pursued by those who do not intend to engage in the practice of the Law, but wish to obtain a knowledge of its principles to complete their education, or with reference to mercantile pursuits.

The principal text-books used are, in Junior year, Robinson's Notes on Elementary Law, Blackstone's Commentaries, Bishop on Criminal Law, vol. i, Bishop on Statutory Crimes, Holland on Jurisprudence, Cooley on Torts, Parsons on Contracts, Heard on Pleading, Woolsey's Introduction to the Study of International Law, Greenleaf on Evidence, vol. i, and Washburn on Real Property; in Senior year, Parsons on Contracts, Bispham on Equity Jurisprudence, Potter on Private Corporations, Washburn on Real Property, Greenleaf on Evidence, vol. ii, and Bishop on Criminal Law and Criminal Procedure.

Students are also recommended to read during their course the following works, in connection with their regular exercises: Kent's Commentaries, Smith's Leading Cases, Hadley's Roman Law, and Cooley on Constitutional Limitations.

At the close of the Spring Term, each class is subjected to a written examination on the studies of the preceding year.

TERMS OF ADMISSION — Applicants for admission to the Junior Class must be at least eighteen years of age, and must produce certificates of good moral character. No student who has not taken a degree from some collegiate institution, will be admitted as a candidate for a degree, until he has passed a satisfactory examination on the outlines of the History of England (Green's History of the English People is recommended) and of the United States, and the text of the Constitution of the United States. This examination will be conducted in writing, and the style of the composition and orthography in the answers, as written, must be such as to evince a competent knowledge of English Grammar.

Those, however, will be excused from this examination who present a certificate that they have passed a "Regents' Examination for Law Students" conducted under the authority of the Board of Regents of the University of the State of New York.*

* The Regents' Examinations are held at New York City and at the various Academies in the State of New York, in the Fall, Winter, and early Summer of each year; also at New York City in April; also at Albany at the office of the Regents, at any time, at the convenience of candidates. The exact dates can be learned by writing to the Secretary of the Board of Regents, Albany, N. Y.; or to Professor Wayland, New Haven, Conn.

The subjects of examination are Arithmetic, English Grammar, Orthography, American History, English History, and English Composition. By the rules of admission to the bar of New York, all applicants, not college graduates, must have passed a Regents' Examination before or within three months after beginning their legal studies.

To entitle a person to admission to advanced standing as a member of the Senior Class, he must be at least nineteen years of age; must, if a college graduate, have studied law under a competent instructor, or at the law school of some college or university, for at least one year; must, if not a college graduate, have studied law under a competent instructor for at least two years, or at a law school for at least one year; and must pass such examination as is required for those entering the Senior Class in the regular course, or produce a "Law Student's Certificate" from the Regents of the University of the State of New York. Attorneys at law of any State are entitled to admission to the Senior Class without examination, on the exhibition of their certificates of admission to the bar.

Whilst time spent at another Law School will be reckoned, to the extent above mentioned, as equivalent to an equal length of time in this school, on the part of those applying for admission to advanced standing, it will be observed that the same examination is required in such cases as in all others. But students who have spent a year in another Law School may, if they prefer, upon entering this school, be examined in such studies only as they have pursued in the other, their examination in the other required branches being deferred to the close of the year.

Applicants for admission to advanced standing may either attend the regular annual Junior examination, which begins the second week before Commencement, or pass a special examination at the beginning of the Fall Term, at which it will be sufficient if they are prepared to be questioned on Parsons on Contracts (excepting only from vol. i, pages 9 to 40, 217 to 233, and 492 to 610; and from vol. ii, pages 1 to 32, 60 to 85, 257 to 614, and 787 to 801, and from vol. iii, pages 102 to 153, 234 to 285, 350 to 423, and 525 to 557); Blackstone's Commentaries (except Book 4), Robinson's Notes on Elementary Law, Bishop on Criminal Law, vol. i, Bishop on Statutory Crimes, Heard on Pleading, Townsend on Code Pleading, Greenleaf on Evidence, vol. i, Hawkins on Wills, Woolsey's Introduction to the study of International Law, Cooley on Torts, Washburn on Real Property, vol. i, and Holland on Jurisprudence.

Special students, not candidates for a degree, are admitted to any of the exercises of the school without examination.

GRADUATE COURSE

The Graduate Course, occupying two years, is open to graduates from any Law School, having the degree of LL.B., under the conditions specified on p. 97. The vacations are the same as those in the Undergraduate Course in this department. The degree of Master of Law (M.L.) will be conferred upon examination at the close of the first year, and that of Doctor of Civil Law (D.C.L.) at the end of the second year. The curriculum for the first year is particularly designed to supplement that of the Undergraduate Course by affording further instruction in the branches there pursued; that of the second year is designed to meet the wants of those who aim at acquiring a thorough acquaintance with Jurisprudence and its affiliated studies, as a means of completing their education, without confining themselves to such topics as are of the first necessity to the practicing lawyer. All students, whose means and time allow them to do so, are earnestly recommended to avail themselves of the advantages of the first year of this Course.

The arrangement of the Course is as follows:

JUNIOR YEAR:

Admiralty Law, and Patents, Professor Robinson; Practice in the U. S. Courts, Railroad Law, and American Constitutional History, Prof. Baldwin; Municipal Corporations, and Practice in States having a Code of Civil Procedure, Prof. Platt; Political History and Science, Prof. Sumner, or English Constitutional History, Prof. A. M. Wheeler; International Law, Prof. Woolsey.

SENIOR YEAR:

Parliamentary Law, History of the Law of Real Property, and Canon Law, Prof. Robinson; Comparative Jurisprudence, and Conflict of Laws, Prof. Baldwin; General Jurisprudence, Prof. Platt; Roman Law, Mr. A. S. Wheeler; Relations of Physical Geography to Political History, Prof. Brewer; Political and Social Science, Prof. Sumner, or Political Economy, Prof. Farnam.

Among the principal text-books used are Parsons on Shipping and Admiralty, Curtis on Patents, Desty's Federal Procedure, Pierce on American Railroad Law, Austin on Jurisprudence, Dillon on Municipal Corporations, Pomeroy's Remedies and Remedial Rights, the Commentaries of Gaius, Institutes of Justinian, selected titles of the Pandects, the Code Napoléon, Cushing's Parliamentary Law, and Wharton on Private International Law.

There will be regular exercises for those pursuing each year of the course, the preparation for which, with the collateral course of reading prescribed for each, the composition of the graduating thesis, etc., will be such as to occupy the working time of the students through the year.

A knowledge of Latin will be necessary for those pursuing the studies of the last year of the course, but will not be indispensable for candidates for the degree of M.L.

EXAMINATIONS—There will be preliminary examinations of candidates for admission to the Junior Class at the opening of the Fall Term, and at no other time. Candidates for admission to the Senior Class will be examined as above, at the end of the Spring Term, or beginning of the Fall Term.

Seniors will be examined for a degree, only at the close of the Spring Term.

Examinations for degrees in the Graduate Course will be held at the close of the Spring Term.

Every candidate for a degree, both in the Undergraduate and Graduate Courses, must also submit a written thesis on a given legal topic, which must be approved by the Faculty.

LIBRARY—The special Library of the Department, which has a permanent endowment for its support (the English Fund, established by Hon. James E. English, M.A., in 1873), contains over eight thousand volumes, comprising a complete collection of the English, American, Irish, and Canadian Reports of Judicial decisions, and an extensive collection of text-books and works on Jurisprudence and Political History and Philosophy. The consulting room is also supplied with the leading legal periodicals. The Library is open daily, during term time, from 8 A. M. to 12.45 P. M., and from 3 to 5.45 P. M. (with the exception of Saturday afternoon); during vacation it is not open until 9 A. M.

The students can also draw books from the general University libraries, containing over 140,000 volumes.

PRIZES are annually awarded as follows:

THE TOWNSEND PRIZE (established by Hon. James M. Townsend, in 1874), of one hundred dollars, to that member of the Senior Class who shall write and pronounce the best oration or thesis at his graduation, at the public anniversary exercises on the day before Commencement.

THE JEWELL PRIZE (established by Hon. Marshall Jewell, M.A., in 1871), of fifty dollars, to that member of the Senior

Class who receives the highest marks at the final examination of his class, at their graduation.

THE BETTS PRIZE (established by Frederic H. Betts, M.A., in 1875), of fifty dollars, to that member of the Junior Class who receives the highest marks at his annual examination.

BUILDING, AND FACILITIES FOR OBSERVING PRACTICE—The School occupies an entire story of the Court House of New Haven County, having upon the same floor a lecture room accommodating two hundred students, a large library hall, a Moot Court room, an instructor's room, and other apartments furnishing every needed convenience for Law clubs and debating societies.

Two terms of the Supreme Court of Errors of Connecticut, one term of the United States Circuit Court, and two terms of the United States District Court, are held annually in New Haven; and the Superior Court and Court of Common Pleas, the principal *nisi prius* Courts of the State, are also in session almost daily, during each of the Law School Terms.

THE COLLEGE GYMNASIUM is open to members of the Law Department on payment of moderate fees.

DEGREES—In the Undergraduate Course the degree of Bachelor of Laws will be conferred by the Corporation, upon the recommendation of the Faculty of the Department, based on a satisfactory examination and the submission of a satisfactory thesis, on the following persons:

1st. Attorneys at Law, who have been members of the Department for one year after their admission to the Bar.

2d. Any students who have been members of the Department for not less than two years, and who passed satisfactorily the Junior Examination at the end of their first year.

3d. Students who have been admitted to advanced standing as members of the Senior Class, and have remained in that Class for not less than one year.

The examination for the degree is conducted under the supervision of an examining committee, appointed by the Superior Court, and the successful candidates, if twenty-one years of age, may be thereupon admitted to the Connecticut Bar.

Degrees are granted in cases of students of unusual merit, *cum laude*, *magna cum laude*, or *summa cum laude*, on the recommendation of the Faculty of the Law Department.

In the Graduate Course the degree of Master of Law (M.L.) will be conferred by the Corporation, on the recommendation of the Faculty of the Department, on persons, who, after having taken the degree of Bachelor of Laws, at this or any other Law School, pursue, during at least one year, such a course of advanced studies as the Faculty may direct.

Those who receive this degree can proceed in their studies for another year, with a view to applying for the degree of Doctor of Civil Law (D.C.L.), provided they have been graduated as Bachelors of Arts or Philosophy, or on graduating at this Law School, attained a prescribed standard of scholarship on their examinations both for the degree of LL.B. and M.L.

Neither degree is conferred, except upon candidates who pursue their studies at New Haven under the direction of the Faculty, pass with credit a strict final examination, and present a satisfactory thesis.

EXPENSES—The fees for tuition and use of the Library in the Undergraduate Course are \$45 for the Fall Term, \$35 for the Winter Term, and \$35 for the Spring Term, or \$100 for the entire year; and in the Graduate Course, \$50 for the Fall Term, \$40 for the Winter Term, and \$40 for the Spring Term, or \$125 for each year; to be paid to the Treasurer of the College in advance, or secured by a bond to said Treasurer as condition for the payment of said fees. Where payment is not made in advance, interest will be added. The diploma fee is \$5. The court fees for admission to the Connecticut Bar, if this is desired, are \$8. A further fee of \$5 is chargeable for admission to practice in the United States Courts for the District of Connecticut, if this also is desired. The tuition charges for special students, not candidates for a degree, vary in proportion to the amount of instruction and supervision required, but will never exceed those made in the regular course.

Board and lodgings can be obtained at prices ranging from five dollars a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland, Dean of the Faculty.

PEABODY MUSEUM OF NATURAL HISTORY

TRUSTEES

PROFESSOR JAMES D. DANA, PH.D., LL.D., *Chairman*
HIS EXCELLENCY THOMAS M. WALLER, M.A., *ex-officio*
THE HONORABLE ROBERT C. WINTHROP, LL.D.
PROFESSOR BENJAMIN SILLIMAN, M.D.
PROFESSOR GEORGE J. BRUSH, M.A., *Treasurer*
PROFESSOR OTHNIEL C. MARSH, M.A.
GEORGE PEABODY WETMORE, M.A.

CURATORS

OTHNIEL C. MARSH, M.A., *Curator of the Geological Collection*
ADDISON E. VERRILL, M.A., *Curator of the Zoological Collection*
EDWARD S. DANA, PH.D., *Curator of the Mineralogical Collection*

The gift of the founder, GEORGE PEABODY, of London, was committed to the Board of Trustees, in 1866, "to found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy, in connection with Yale College." Of the entire gift (\$150,000), \$100,000 was devoted by the donor to the erection, on land given for the purpose by the President and Fellows of the College, of a fire-proof building, planned with special reference to subsequent enlargement. Of the remainder of the gift, the sum of \$20,000 is set apart as a reserve fund for the completion of the building, and the income of \$30,000 is available for the care of the Museum and the increase of its collections.

By the accumulations from investment of the original building-fund, the first wing of the Museum is now completed, at a cost of about \$140,000, or, with cases, \$175,000.

The basement will be used for exhibiting the collection of fossil footprints from the Connecticut valley, and for work and storerooms. The first story contains the Mineralogical Collection, and rooms for instruction in Mineralogy, as well as the general lecture room. The second story is entirely devoted to Geology, and the third to Zoology. The fourth is used for the collection in Archæology and Ethnology, and for storerooms.

So far as the collections are arranged, the Museum is open to students and the public every day in term-time.

THE OBSERVATORY

BOARD OF MANAGERS :

PROFESSOR CHESTER S. LYMAN, M.A., *President*
THOMAS G. BENNETT, PH.B., of New Haven
JACOB CAMPBELL, Esq., of New York City
PROFESSOR ELIAS LOOMIS, LL.D.
PROFESSOR HUBERT A. NEWTON, LL.D.

OFFICERS :

HUBERT A. NEWTON, LL.D., *Director*
ROBERT BROWN, JR., M.A., *Secretary*
LEONARD WALDO, S.D.
ROBERT W. WILLSON, B.A.
ORRAY T. SHERMAN, B.A.

THE OBSERVATORY has been built from the avails of the gift of the late Hon. Oliver F. Winchester, on land given by the late Mrs. Cornelia L. Hillhouse and her daughters. The principal astronomical instruments now in use are a six-inch Heliometer constructed by Messrs. Repsold, of Hamburg, and an eight-inch Equatorial by Messrs. Grubb, of Dublin.

The Observatory has established two public services designed to supplement the work now in progress at other Observatories in the United States, and to afford such facilities to the Horological arts and to persons interested in accurate Thermometry, as are given at several of the prominent Observatories in Europe.

For the proper performance of these services the following equipment is in use :

1. Standard clocks, transit instruments, chronographs, and the accessories for refined accuracy in the determination and transmission of time.
2. A complete arrangement for the testing of chronometers, watches, and clocks, in the various positions and conditions of temperature, arranged with reference to the safety against fire and theft of such instruments while in the care of the Observatory.
3. Apparatus for an extended (automatic) public time service.
4. Apparatus for research and comparison in Thermometry, including comparators, cathetometers, and a collection of the best thermometers obtainable of the foreign makers and Observatories which devote special attention to thermometric standards.*

* Descriptive Circulars of the above services may be obtained by addressing the Observatory.

LIBRARIES

ADDISON VAN NAME, M.A., *Librarian*

FRANKLIN B. DEXTER, M.A., *Assistant Librarian*

J. SUMNER SMITH, B.A., *Librarian of Linonian and Brothers Library*

FREDERICK W. WILLIAMS, B.A., *Assistant in the College Library*

THE COLLEGE LIBRARY numbers about 115,000 volumes, besides many thousand unbound pamphlets. It is designed for the use of the College officers, resident graduates, and the students of the various departments. Other persons may have the privilege of consulting the Library and drawing books by permission of the Library Committee. The Library is open daily in term-time from 9½ A. M. to 1 P. M., and from 2½ to 5 P. M., or during the Winter months, to 4½ P. M.

In the same building is the LINONIAN AND BROTHERS LIBRARY, designed primarily for the use of the undergraduate students, and containing about 26,000 volumes. This Library is open daily from 1½ to 2½ P. M.; on Wednesdays and Saturdays from 10 A. M. to 12 M. and from 1½ to 4 P. M.

In addition to the large number of periodicals received at the College Library, there will be found in the Reading Room (in the Philosophical Building) forty daily newspapers, American and foreign, as many weeklies, and fifty periodicals. The Reading Room is open from 9.30 A. M. to 8 P. M. (on Sundays from 1 to 8 P. M.)

The departments of Theology, of Medicine, and of Law, the Sheffield Scientific School, and the School of the Fine Arts, have each a special Library, accessible to the students of those schools respectively.

The Library of the AMERICAN ORIENTAL SOCIETY, numbering about 3,800 printed books and manuscripts, is kept in the College Library building.

SUMMARY

College Library (exclusive of pamphlets), about . . .	115,000 vols.
Linonian and Brothers Library, about . . .	26,000 “
Libraries of the Professional Schools, about . . .	20,000 “
	<hr/>
	161,000

APPOINTMENTS FOR COMMENCEMENT,

IN THE UNDERGRADUATE ACADEMICAL DEPARTMENT, JUNE 27, 1883

ORATIONS

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| ELIAKIM HASTINGS MOORE, Jr., Valedictory Oration, <i>Denver, Col.</i> | |
| FRED WILLIAM KELLOGG, Salutatory Oration, <i>Red Wing, Minn.</i> | |
| STEPHEN LEONARD GEISTHARDT, Philosophical Oration, <i>Norwich</i> | |
| CHARLES MARTIN KENDALL, Philosophical Oration, <i>Angelica, N. Y.</i> | |
| { EDWARD INCREASE BOSWORTH, Philosophical Oration, <i>Elgin, Ill.</i> | |
| { WOOLSEY CARMALT, Philosophical Oration, <i>New York City</i> | |
| { Allyn C. Loomis, <i>Windsor</i> | Carl A. Lewis, <i>New Haven</i> |
| { Chas. C. Sherman, <i>Syracuse, N. Y.</i> | { Joseph M. Lewis, <i>New York City</i> |
| { Arthur B. Cornwall, <i>New Haven</i> | { T. S. Southworth, <i>W. Springfield, Mass.</i> |
| { Horace D. Taft, <i>Cincinnati, O.</i> | William Price, <i>Pottstown, Pa.</i> |
| Edward G. Bourne, <i>Sharon</i> | { George P. Carroll, <i>Forestville</i> |
| William I. Grubb, <i>Cincinnati, O.</i> | { Samuel B. Platner, <i>Newark, N. J.</i> |
| <hr/> | |
| { Henry E. Bourne, <i>Sharon</i> | { M. E. Dunham, <i>Edgartown, Mass.</i> |
| { Edward T. McLaughlin, <i>Litchfield</i> | { Linton Satterthwait, <i>Trenton, N. J.</i> |
| Arthur E. Bowers, <i>North Manchester</i> | { Richard M. Bissell, <i>Chicago, Ill.</i> |
| George W. Johnston, <i>Frankfort, Ky.</i> | { Arnold G. Dana, <i>New Haven</i> |
| { Everett J. Esselstyn, <i>Hollowville, N. Y.</i> | { Henry E. Fisk, <i>Chicago, Ill.</i> |
| { Clifford S. Kelsey, <i>Bridgeport</i> | { Daniel S. Knowlton, <i>Biddeford, Me.</i> |
| { Walter E. Nettleton, <i>Stockbridge, Mass.</i> | Chas. C. Clarke, Jr., <i>Sing Sing, N. Y.</i> |
| { Austin L. Bowman, <i>South Windsor</i> | George C. Jennings, <i>Cleveland, O.</i> |
| { Herbert R. Smith, <i>Norwalk</i> | Victor E. Helleberg, <i>Cincinnati, O.</i> |
| Harold Vernon, <i>Brooklyn, N. Y.</i> | |

DISSERTATIONS

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|--|--|
| John Pierpont, <i>New Haven</i> | { Frank H. Beede, <i>Dover, N. H.</i> |
| { George H. A. Lyford, <i>Cincinnati, O.</i> | { Robert H. Cornish, <i>Gillette, N. J.</i> |
| { David F. Read, <i>Bridgeport</i> | { Irving W. Hart, <i>Southington</i> |
| Albert Carr, <i>Collinsville</i> | { Harry W. Latham, <i>Bridgeport</i> |
| { Samuel B. Childs, <i>East Hartford</i> | { Henry W. Calhoun, <i>New York City</i> |
| { Sherman D. Thacher, <i>New Haven</i> | { Marcus Morton, Jr., <i>Andover, Mass.</i> |
| Andrew L. Sawyer, <i>Greenwich</i> | { Benj. V. Harrison, <i>Montclair, N. J.</i> |
| | { Joseph J. Rose, <i>Bridgeport</i> |
| | Charles E. Sackett, <i>Westfield, N. Y.</i> |

DISPUTES

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| William A. Jackson, <i>Norwalk</i> | { Sheldon O. Kerruish, <i>Cleveland, O.</i> |
| Austin R. Preston, <i>Buffalo, N. Y.</i> | { William H. Stockwell, <i>Orange, N. J.</i> |
| Horace G. Hoadley, <i>New Haven</i> | William Trumbull, <i>Valparaiso, Chili</i> |
| Cleveland L. Moffett, <i>Newton, N. J.</i> | { Lucius Boltwood, <i>New Haven</i> |
| { Charles Halsey, <i>Brooklyn, N. Y.</i> | { Fred. C. Leonard, <i>Spring Mills, N. Y.</i> |
| { Wilbur E. Houpt, <i>Somerset, N. Y.</i> | Clifford D. Ham, <i>Dubuque, Iowa</i> |
| <hr/> | |
| George L. Burton, <i>New Haven</i> | { Charles S. Foote, <i>Port Henry, N. Y.</i> |
| Frederick W. Havens, <i>Bridgeport</i> | { Francis B. Kellogg, <i>Avon</i> |
| { David H. Buel, <i>Yonkers, N. Y.</i> | { James F. Raymond, <i>Brooklyn, N. Y.</i> |
| { Seward H. Fields, <i>Atlanta, Ill.</i> | { Joseph H. Nelson, <i>Aurora, Ill.</i> |
| { Samuel R. Jewett, <i>Chicago, Ill.</i> | { Isaac B. Newton, <i>Norwich, N. Y.</i> |
| { Frank P. Sproul, <i>Pittsburgh, Pa.</i> | Edward E. Smith, <i>Birmingham</i> |

COLLOQUIES

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| Henry A. Forchheimer, <i>Mobile, Ala.</i> | { F. D. Chamberlain, <i>West Chester, Pa.</i> |
| Joseph R. Parrott, <i>Oxford, Me.</i> | { Arthur L. Fisk, <i>Northampton, Mass.</i> |
| { Charles W. Burpee, <i>Waterbury</i> | { John E. Wayland, <i>New York City</i> |
| { Edward N. Dingley, <i>Lewiston, Me.</i> | Philo C. Black, <i>Dallas City, Ill.</i> |
| { Charles J. Foote, <i>New Haven</i> | Rollin A. Sawyer, Jr., <i>Greenwich</i> |
| John F. Crowell, <i>Hall, Pa.</i> | Thomas D. Husted, <i>Peekskill, N. Y.</i> |
| <hr/> | |
| Dudley Phelps, <i>New York City</i> | { John A. Moore, <i>St. Louis, Mo.</i> |
| Yew Fun Tan, <i>Kwongtung, China</i> | { Denison B. Tucker, <i>New Haven</i> |
| Laurent C. Deming, <i>Hartford</i> | George Cromwell, <i>Brooklyn, N. Y.</i> |
| William H. Merrill, <i>Brooklyn, N. Y.</i> | Charles R. Corwith, <i>Chicago, Ill.</i> |
| George S. Lynde, <i>Bangor, Me.</i> | Henry M. Hoyt, <i>Kingston, Pa.</i> |
| | Charles Loughridge, <i>Chicago, Ill.</i> |

The graduating class numbered one hundred and forty-seven.

APPOINTMENTS FOR JUNIOR EXHIBITION,

IN THE UNDERGRADUATE ACADEMICAL DEPARTMENT, MARCH 15, 1883

ORATIONS

CHARLES EDWIN BEDELL, *Montclair, N. J.*
 GEORGE REDDINGTON BLODGETT, *Bucksport, Me.*
 WILBUR FRANKLIN BOOTH, *Easton*
 EDWARD CHENERY GALE, *Minneapolis, Minn.*
 GUSTAVE FREDERICK GRUENER, *New Haven*
 FREDERICK SCHEETZ JONES, *Monroe City, Mo.*
 DAVID KINLAY, Jr., *Andover, Mass.*
 CHARLES ABERNETHY MEAD, *Darien*
 JOHN IRA SOUTHER, *Worcester, Mass.*
 SELDEN PALMER SPENCER, *Erie, Pa.*
 HENRY BANCROFT TWOMBLY, *Boston, Mass.*
 HENRY MILTON WOLF, *Chicago, Ill.*

Frederic S. Allen, *Bridgeport*
 Frank O. Ayres, *Oakham, Mass.*
 Robert M. Boyd, Jr., *Montclair, N. J.*
 Charles E. Carr, *New Haven*
 Edward M. Chapman, *Old Saybrook*
 James S. Havens, *Weedsport, N. Y.*

Roderick W. Hine, *Lebanon*
 Edward A. Lawrence, *Chicago, Ill.*
 William T. Nichols, *Cincinnati, O.*
 Sydney Stein, *Chicago, Ill.*
 Dean A. Walker, *Auburndale, Mass.*

John M. Burnam, *St. Louis, Mo.*
 William B. Coley, *Bridgeport*
 Frederick K. Curtis, *New York City*
 Leonard M. Daggett, *New Haven*
 John R. Halsey, Jr., *Brooklyn, N. Y.*
 George W. Judson, *Stratford*
 Yung Kwai, *K'wontung, China*
 Robert H. Lyman, *Holyoke, Mass.*
 Vincent C. Peck, *Trumbull*

Ward W. Savery, *Marion, Mass.*
 Benjamin Sharps, *Newburgh, N. Y.*
 Charles S. Seeley, *Fairfield*
 Frank Strong, *Auburn, N. Y.*
 William L. Strong, *Pittston, Pa.*
 Joseph N. Tuttle, *Madison, N. J.*
 Arthur B. Wells, *Chicago, Ill.*
 Herbert W. Wolcott, *Columbus, O.*

DISSERTATIONS

Wallace S. Allis, *Brookfield, Vt.*
 Samuel A. Booth, *Easton*
 Ellsworth Eliot, Jr., *New York City*
 Daniel H. Griffing, *Cutchogue, N. Y.*
 John Holden, *Bridgeport*
 Chas. E. Holmes, *Weeping Water, Nebr.*

Isaac Henry Mayer, *Chicago, Ill.*
 Geo. W. Patterson, Jr., *Westfield, N. Y.*
 Clarence Nathaniel Platt, *New Haven*
 Edwin Lewis Porter, *New Cumberland, W. Va.*
 Harry Raup Wagner, *Philadelphia, Pa.*

DISPUTES

James Martin Dawson, *New York City*
 Reginald Foster, *Boston, Mass.*
 Joseph Glasby Holliday, *St. Louis, Mo.*
 Edmund Otis Hovey, *New Haven*
 Beirne Lay, *Easton, Md.*
 James Otis Lincoln, *Bath, Me.*

Edwin McClellan, *Cambridge, N. Y.*
 George Hudson Makuen, *Goshen, N. Y.*
 Henry Woodruff Prouty, *Concord, O.*
 Joseph Tomlinson, Jr., *Shelton*
 Edward Augustus Wright, *Cromwell*

Nelson P. Bigelow, *Chicago, Ill.*
 Neville H. Castle, *San Francisco, Cal.*
 Edward H. Coley, *Westport*
 Charles W. Copeland, *Brooklyn, N. Y.*
 Robert W. Hamill, *Chicago, Ill.*
 Reinert A. Jernberg, *Fredrikshald, Norway*

Geo. J. McAndrew, *Forestville, N. Y.*
 Harry W. Painter, *West Haven*
 James H. Penniman, *Philadelphia, Pa.*
 James B. Reynolds, *North Haven*
 William M. Speer, *Huntington, Pa.*
 John T. Swift, *Colchester*
 Henry L. Whittlesey, *Old Saybrook*

COLLOQUIES

Wilson Carpenter, *Shekomeko, N. Y.*
 Horace E. Hand, *Scranton, Pa.*
 Frank C. Hughson, *Albany, N. Y.*
 Charles J. Jennings, *Redding*
 Charles L. Pardee, *New Haven*
 Harry G. Samson, *Cincinnati, O.*

Henry T. Shelton, Jr., *Bridgeport*
 Charles A. Watrous, *New Haven*
 Nathan G. Williams, Jr., *Detroit, Mich.*
 Joseph Wood, *Sayville, N. Y.*
 Harry A. Worcester, *Albany, N. Y.*

Julius T. A. Doolittle, *Utica, N. Y.*
 Charles E. Eaton, *Orange, N. J.*
 Maxwell Evarts, *New York City*
 Gerard Fountain, *New York City*
 Newell C. Knight, *St. Louis, Mo.*
 Alexander Lambett, *New York City*

Henry McCormick, Jr., *Harrisburg, Pa.*
 Edward W. Potter, *New Haven*
 William H. Sanford, *Newtown*
 Ray Tompkins, *Elmira, N. Y.*
 Geo. Urquhart, Jr., *Wilkes Barre, Pa.*

HOLDERS OF FELLOWSHIPS,

ACADEMICAL DEPARTMENT :

DOUGLAS Fellow—EDWARD T. McLAUGHLIN, B.A., Class of 1883.
 SOLDIERS' Memorial Fellow—WALTER R. BRIDGMAN, B.A., Class of 1881.
 SILLIMAN Fellow—ARTHUR E. BOSTWICK, Ph.D., Class of 1881.

THEOLOGICAL DEPARTMENT :

HOOKE Fellows, Class of 1883— $\left\{ \begin{array}{l} \text{JOHN E. BUSHNELL, B.A.} \\ \text{GEORGE W. HENDERSON, M.A.} \end{array} \right.$
 FELLOW, Class of 1882—CLIFFORD H. SMITH, B.A.

SCHOLARS OF THE HOUSE, ACADEMICAL DEPARTMENT :

BERKELEY Scholar, Class of 1881—EDWIN E. AIKEN, B.A.
 LARNED Scholar, Class of 1881—ISAAC THOMAS, B.A.
 BRISTED Scholar, Class of 1881—ADRIAN S. VAN DE GRAAFF, B.A.
 LARNED Scholar, Class of 1882—FRANK F. ABBOTT, B.A.
 CLARK Scholar, Class of 1882—FRANK F. ABBOTT, B.A.
 BERKELEY Scholar, Class of 1883—EDWARD G. BOURNE, B.A.
 CLARK Scholar, Class of 1883—CARLL A. LEWIS, B.A.
 LARNED Scholar, Class of 1883—SAMUEL B. PLATNER, B.A.
 W. W. DeFOREST Scholar, Class of 1883—WILLIAM PRICE, B.A.
 FOOTE Scholars, Class of 1883— $\left\{ \begin{array}{l} \text{ELIAKIM H. MOORE, Jr., B.A.} \\ \text{EDWARD G. BOURNE, B.A.} \end{array} \right.$
 WOOLSEY Scholar, Class of 1884—GUSTAVE F. GRUENER.
 WOOLSEY Scholar, Class of 1885—GUY W. MALLON.
 WOOLSEY Scholar, Class of 1886—WILLIAM H. PARKS.

OTHER PREMIUMS AWARDED DURING THE YEAR 1882-3 :

UNIVERSITY PRIZE :

JOHN A. PORTER Prize—JOHN WURTS, of the Class of 1884, Department of Law, with honorable mention of GEORGE M. DUNCAN, of the Class of 1884, Department of Theology, and of PHILIP G. BARTLETT, of the Graduate Course, Department of Philosophy and the Arts.

ACADEMICAL DEPARTMENT :

HURLBUT Scholarship, Class of 1886—Charlton M. Lewis.
 THIRD Freshman Scholarship, Class of 1886—Oliver Dyer, Jr.
 DeFOREST Medal, Class of 1883—Edward T. McLaughlin.
 TOWNSEND Premiums for English Composition, Class of 1883—Edward I. Bosworth, Woolsey Carmalt, George P. Carroll, Horace D. Taft, William Trumbull.
 COBDEN Club Medal for proficiency in Political Economy, Class of 1883—Edward G. Bourne.
 1ST SENIOR Mathematical Prize, Class of 1883—Eliakim H. Moore, Jr.; 2d Prizes, Everett J. Esselstyn, Clifford S. Kelsey.
 PREMIUMS for solution of Astronomical Problems, Class of 1883—1st Prize, Eliakim H. Moore, Jr.; 2d Prize—Everett J. Esselstyn.

SCOTT Prize in German, Class of 1883—Charles C. Sherman.

SCOTT Prize in French, Class of 1884— } Joseph G. Holliday.
 } Frank D. Pavey.

WINTHROP Prizes, Class of 1884—1st Prize, Gustave F. Gruener; 2d Prize, Frederic S. Allen.

JUNIOR EXHIBITION PREMIUMS, CLASS OF 1884:

1st Prize, George H. Makuen; 2d Prizes, Edward M. Chapman, Edward C. Gale, John Holden, George W. Judson, Harry M. Painter, Henry B. Twombly, Henry M. Wolf.

PREMIUMS FOR ENGLISH COMPOSITION, CLASS OF 1885:

1st Term: 1st Prizes, Henry deF. Baldwin, John C. Bridgman, Herbert L. Doggett, Guy W. Mallon, Eugene L. Richards, Jr.; 2d Prizes, William M. Carhart, Wilbur L. Cross, Lambert Foster, Frank R. Shipman, Paul I. Welles; 3d Prizes, Charles B. Hobbs, Lyman P. Peet, Robert J. Pitkin, George F. Stacy, Charles S. Wiley.

2d Term: 1st Prizes, Henry deF. Baldwin, John C. Bridgman, Robert J. Pitkin, Eugene L. Richards, Jr., Frank R. Shipman; 2d Prizes, William M. Carhart, Herbert L. Doggett, Charles B. Hobbs, William Jarvis, Paul I. Welles; 3d Prizes, Wilbur L. Cross, Lambert Foster, Guy W. Mallon, Lucius F. Robinson, Richard S. Storrs.

PRIZES FOR DECLAMATION, CLASS OF 1885:

William G. Green, Lucius F. Robinson, Frank R. Shipman, Robert B. Williams.

MATHEMATICAL PREMIUMS:

Class of 1885—1st Prize, Guy W. Mallon; 2d Prizes, Paul I. Welles, Herbert H. White, Levi O. Wiggins; 3d Prizes, Augustin A. Crane, Walter F. Frear, George T. Linsley.

Class of 1886—1st Prizes, Charles W. Pierson, John Whitmore; 2d Prizes, Daniel D. Bidwell, Charlton M. Lewis; 3d Prize, Judson S. Dutcher.

BERKELEY PREMIUMS FOR LATIN COMPOSITION, CLASS OF 1886:

1st Grade—Abraham L. Fellows, Charlton M. Lewis, William H. Parks, Charles W. Pierson, John C. Schwab; 2d Grade—Daniel D. Bidwell, William A. Brown, Calvin Dickey, Oliver Dyer, Jr., Herbert A. Jaggard, Edward W. Reid.

SHEFFIELD SCIENTIFIC SCHOOL.

Class of 1883:

FOR EXCELLENCE IN CIVIL ENGINEERING, Henry C. Nutt, Jr.

FOR EXCELLENCE IN DYNAMIC ENGINEERING, John Bartholomew, and Frederick E. Beach.

FOR EXCELLENCE IN GERMAN, John Bartholomew.

Class of 1883 :

FOR EXCELLENCE IN THE MATHEMATICS OF JUNIOR YEAR, Charles P. Farquhar ; with honorable mention of Edwin M. Herr, and William W. Nichols.

Class of 1884 :

FOR EXCELLENCE IN ALL THE STUDIES OF FRESHMAN YEAR, John V. Hanna ; with honorable mention of Charles D. McCandliss.

FOR EXCELLENCE IN GERMAN, Louis M. Schmidt.

FOR EXCELLENCE IN MATHEMATICS, John V. Hanna.

FOR EXCELLENCE IN PHYSICS, John V. Hanna.

FOR EXCELLENCE IN CHEMISTRY, James J. Morgan.

FOR EXCELLENCE IN MECHANICAL DRAWING, John J. Flather, and Sydney A. Reeve.

FOR EXCELLENCE IN ENGLISH COMPOSITION—1st Prizes, Grenville F. Allen, Charles D. McCandliss ; 2d Prizes, Robert N. Brace, Wallace S. Clark, John E. Hill, Louis M. Schmidt ; 3d Prizes, Merritt M. Clark, John J. Flather, Irving C. Gladwin, John V. Hanna.

DEPARTMENT OF LAW

TOWNSEND PRIZE (\$100), for pronouncing the best oration at graduation—
Daniel W. Lawler, B.A. Georgetown College.

Committee of Award : Hon. Marcus Morton, LL.D., Andover, Mass.

Gen. Edmund L. Dana, Wilkesbarre, Pa.

Col. Edward P. Nettleton, Boston, Mass.

JEWELL PRIZE (\$50), for the best examination at graduation—Sain Welty, B.A. Illinois Wesleyan University.

BETTS PRIZE (\$50), for the best examination on the studies of Junior year—
William E. Talcott, B.A. Mt. Union College.

HONORS :

SENIOR CLASS

Degree of LL.B., *Magna cum laude*.

Nathaniel T. Guernsey, B.A.

Daniel W. Lawler, B.A. Georgetown Coll.

Sain Welty, B.A. Ill. Wesleyan Univ.

Degree of LL.B., *cum laude*.

Howard J. Curtis, B.A.

Louis B. Hasbrouck, B.A.

George W. Wheeler, B.A.

JUNIOR CLASS

Russell A. Bigelow, B.A.

Frank A. McIntosh, B.A.

Edward B. Graves, B.A.

Wm. E. Talcott, B.A. Mt. Union Coll.

Seymour C. Loomis, B.A.

Sherman L. Whipple, B.A.